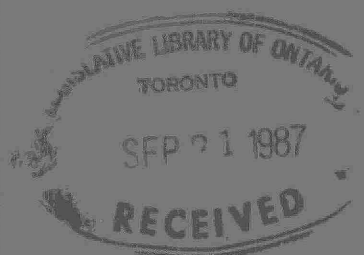


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**WATER QUALITY DATA
ONTARIO LAKES
AND STREAMS
1982
West Central Region**



Ontario

Ministry
of the
Environment

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WATER QUALITY DATA
ONTARIO LAKES AND STREAMS

1982

WEST CENTRAL REGION

Water Resources Branch
Ontario Ministry of the Environment

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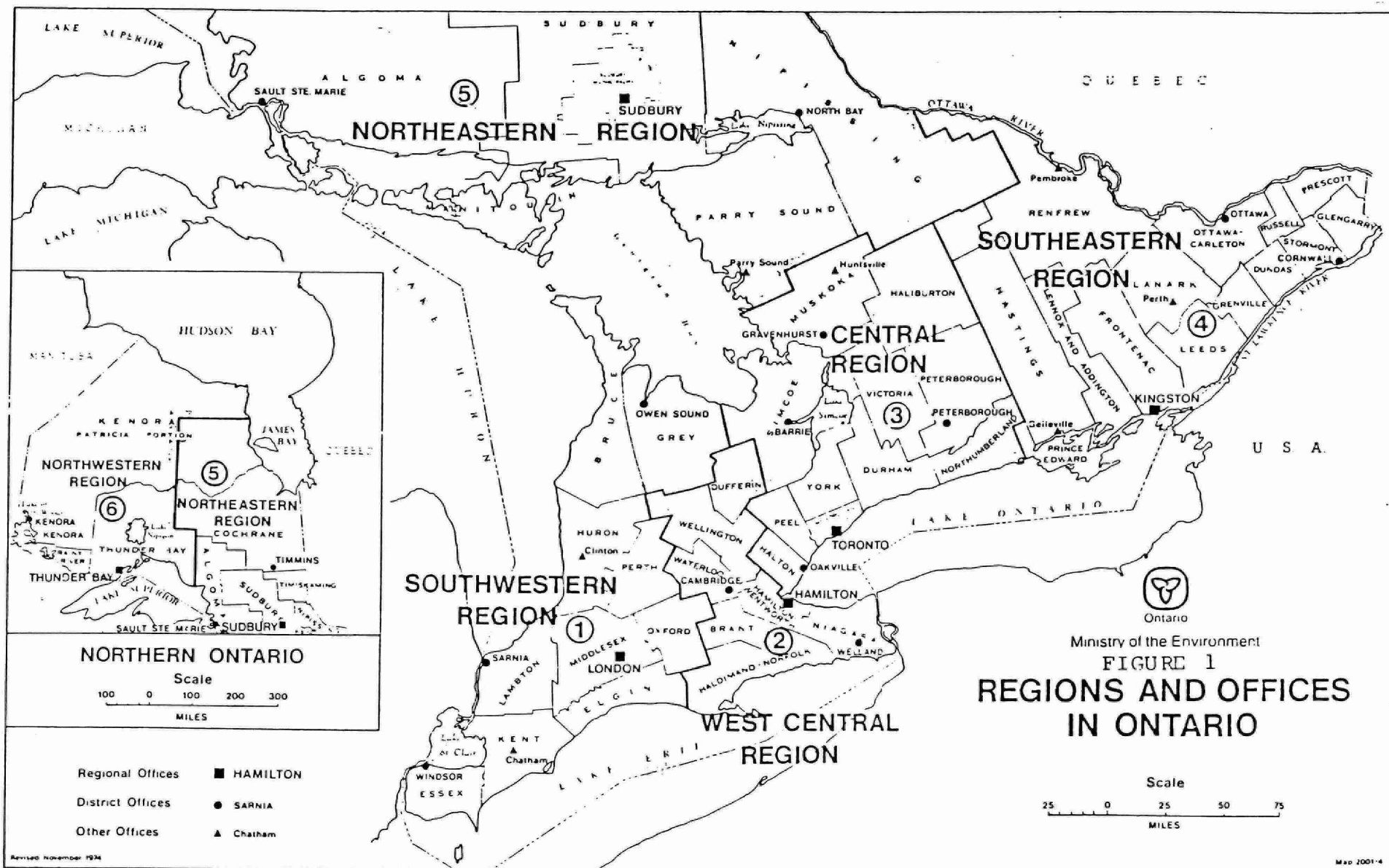
INTRODUCTION

"Water Quality Data for Ontario Lakes and Streams, "West Central Region, 1982, is a revised version of the previously published series entitled "Water Quality Data for Ontario Lakes and Streams, Volume 1-XVII ". Published by the Water Resources Branch of the Ontario Ministry of the Environment. The data presented in this publication were collected by the Water Resources Assessment Units of this Ministry's six Regional Offices (Figure 1) with the assistance of local Conservation Authorities. Compilation and publication were performed by the Water and Wastewater Management Section of the Water Resources Branch. The data result from a routine sampling program designed to provide a long-term record of water quality information at specific points on rivers and inland lakes in Ontario.

Sampling station locations have been selected to meet one or more of the following requirements: (1) to measure quantitatively and qualitatively, the materials discharged from tributary streams to the terminal basins; (2) to monitor the effects of wastewater discharges on a watercourse; (3) to provide data that can be considered generally representative of water quality conditions in a certain area.

The information is used by the Ontario Ministry of the Environment to maintain surveillance over water quality and to provide supporting data used in the analysis and prediction of water quality for planning and other purposes. The data are also made available to any person or agency concerned with the quality of Ontario's rivers and lakes. The booklet "Water Management Goals, Policies, Objectives and Implementation Procedures of the Ministry of the Environment", 1978 (Revised May 1984) outlines the current policies for water management in Ontario.

Samples are analysed for some or all of the following parameters: counts of total and fecal coliforms, enterococci, *Pseudomonas aeruginosa* and *Escherichia coli* forms, concentrations of biochemical oxygen demand, total phosphorus, filtered reactive phosphate, filtered ammonia, total Kjeldahl nitrogen, filtered nitrite and nitrate forms of nitrogen; total, suspended and dissolved solids; levels of conductivity and turbidity; concentrations of chlorides, sulphates, unfiltered reactive silicates, acidity, alkalinity; units of pH; concentrations of total iron, phenols, hardness, calcium, magnesium; units of colour; concentrations of potassium, sodium, total organic carbon, chemical oxygen demand, solvent extractables, arsenic, mercury, aluminium, chromium, copper, lead, cadmium, zinc, manganese, nickel, fluoride, cyanide and cobalt.



In addition, radiochemical analyses are conducted on selected samples and the results are expressed as levels of ionizing radiation (i.e. the number of nuclear disintegrations per second). Selected samples are analysed for some or all of the following radiochemical parameters: gross alpha, gross beta, radium-226, total uranium, cesium-137, cesium-134, cobalt-60, tritium and iodine 131.

Some samples are also analysed for some or all of the following synthetic organic parameters: concentrations of PCB, PCP and 2,4,5-T.

The water quality monitoring program commenced in July 1964 in Southern Ontario and currently consists of a total of 760 stations throughout Ontario. The following maps (figures 2 and 3) show the Southern and Northern Ontario Terminal Basins which are used to identify the sampling station locations. Definitions or brief descriptions are provided for the more common parameters of pollution under the section entitled Interpretation of Data.

Other water quality monitoring programs such as the Fish Contaminant Monitoring Program which is co-ordinated by the Ontario Ministries of Natural Resources, Environment and Labour is not discussed in this publication. A summary of health implications of contaminants in fish with a listing of test results from each fish sampling location can be found in the Ministry publication, "Guide to Eating Ontario Sport Fish." Three separate publications in this series are updated periodically and each pertains exclusively to the areas of Northern Ontario, Southern Ontario and the Great Lakes.

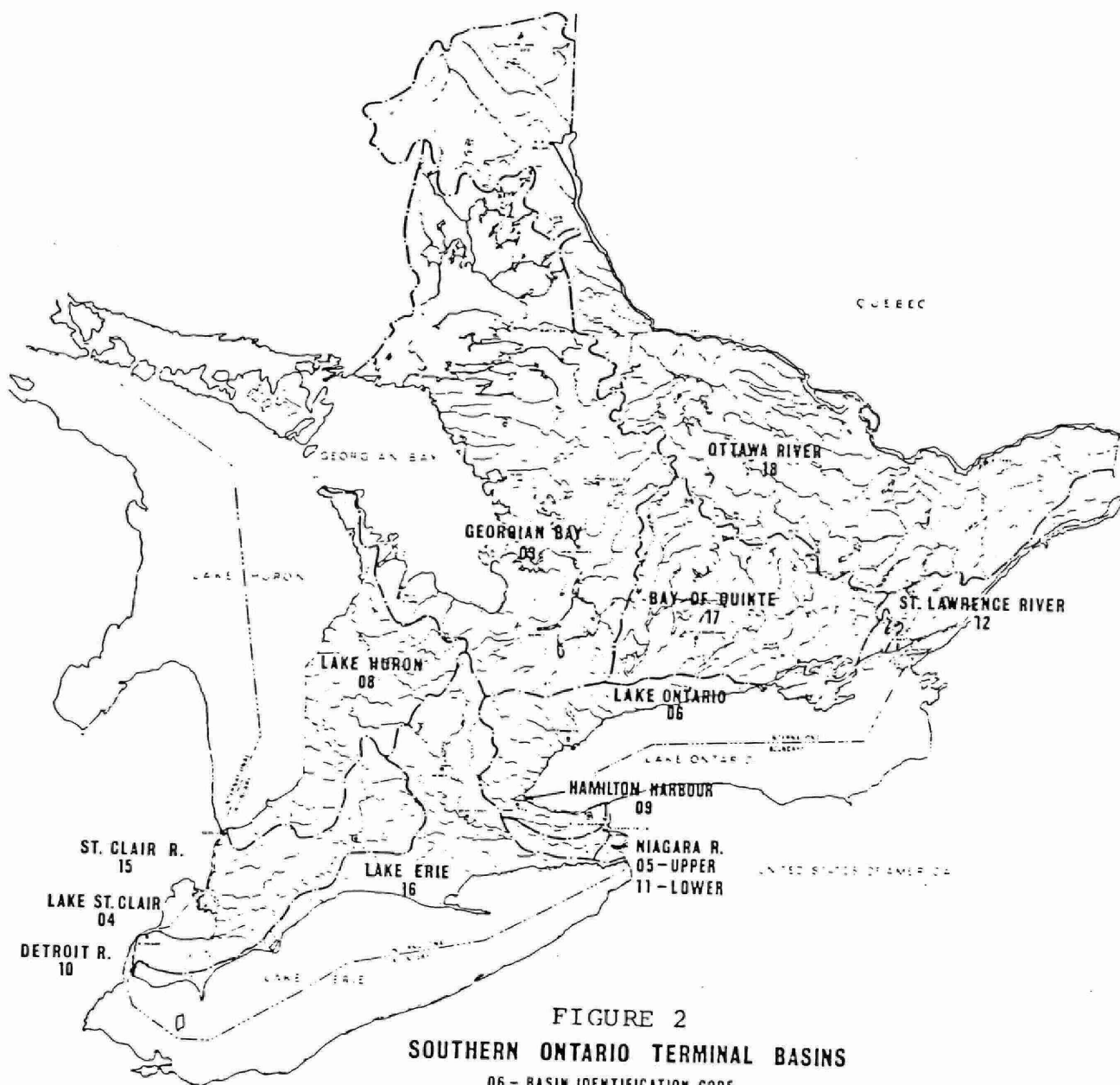


FIGURE 2
SOUTHERN ONTARIO TERMINAL BASINS

06 - BASIN IDENTIFICATION CODE

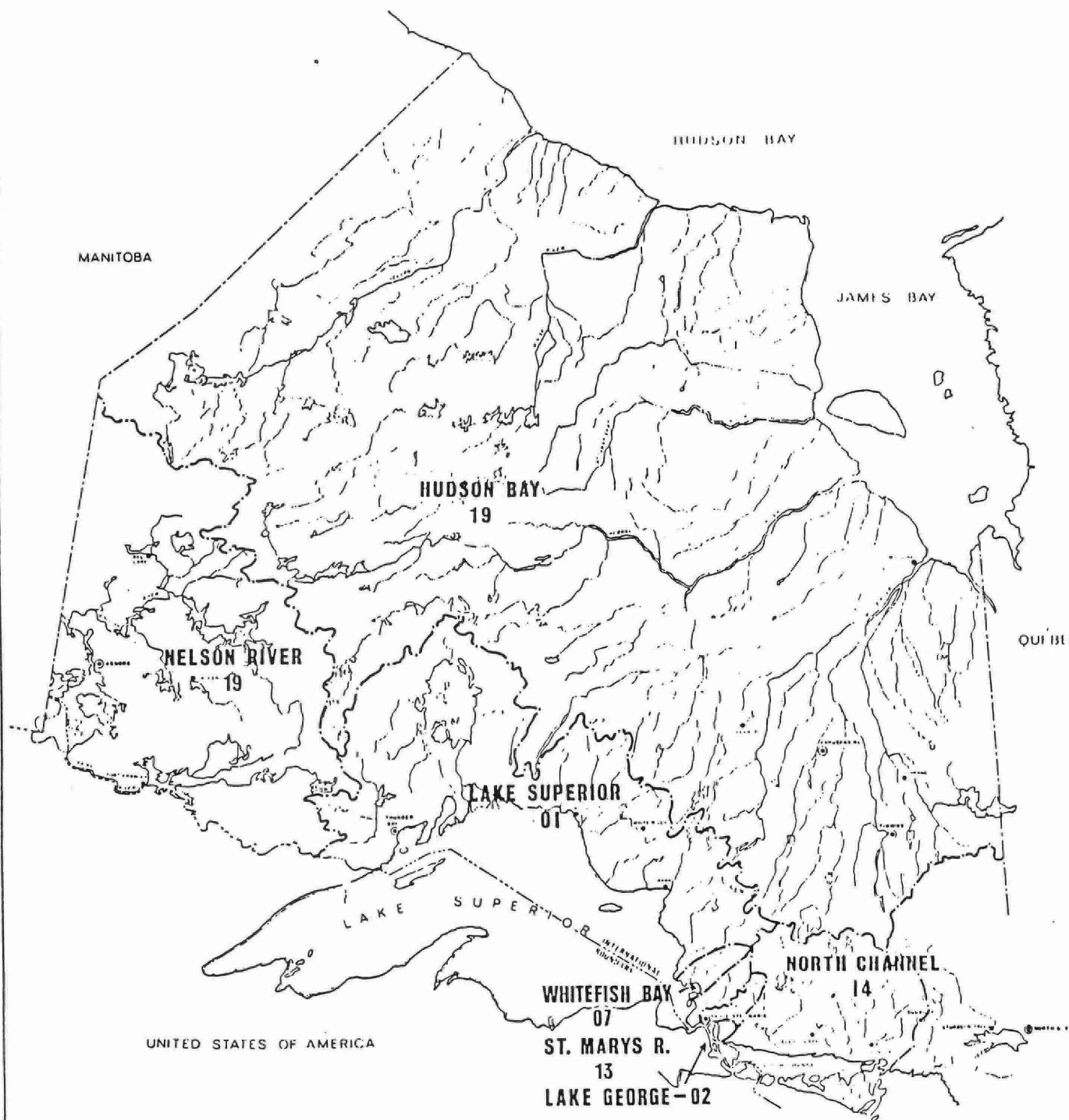


FIGURE 3
NORTHERN ONTARIO TERMINAL BASINS
19- BASIN IDENTIFICATION CODE

The streamflow station network in Ontario is not discussed in this publication. Whenever streamflow data exists at tributary locations which are coincident with the water quality monitoring station locations, mean daily discharges is reported along with the water quality data. The collection of hydrometric data in Ontario has been carried out under a Memorandum of Agreement between the Government of Canada and the Province of Ontario since April, 1975. The Province of Ontario is represented in the Agreement by the Ministry of the Environment, the Ministry of Natural Resources and Ontario Hydro. These agencies meet at regular intervals with the Water Survey of Canada to administer the Agreement. Streamflow data for Ontario are published annually as surface water data by the Federal Government.

NETWORK MAP SHEETS

Individual station locations are identified on specially prepared network maps. These network maps have been drawn to conform approximately to the boundaries of the Ministry's Regions, and are grouped according to Regions. Two index maps (Figures 4 and 5) illustrate individual map sheet coverages within the Province.

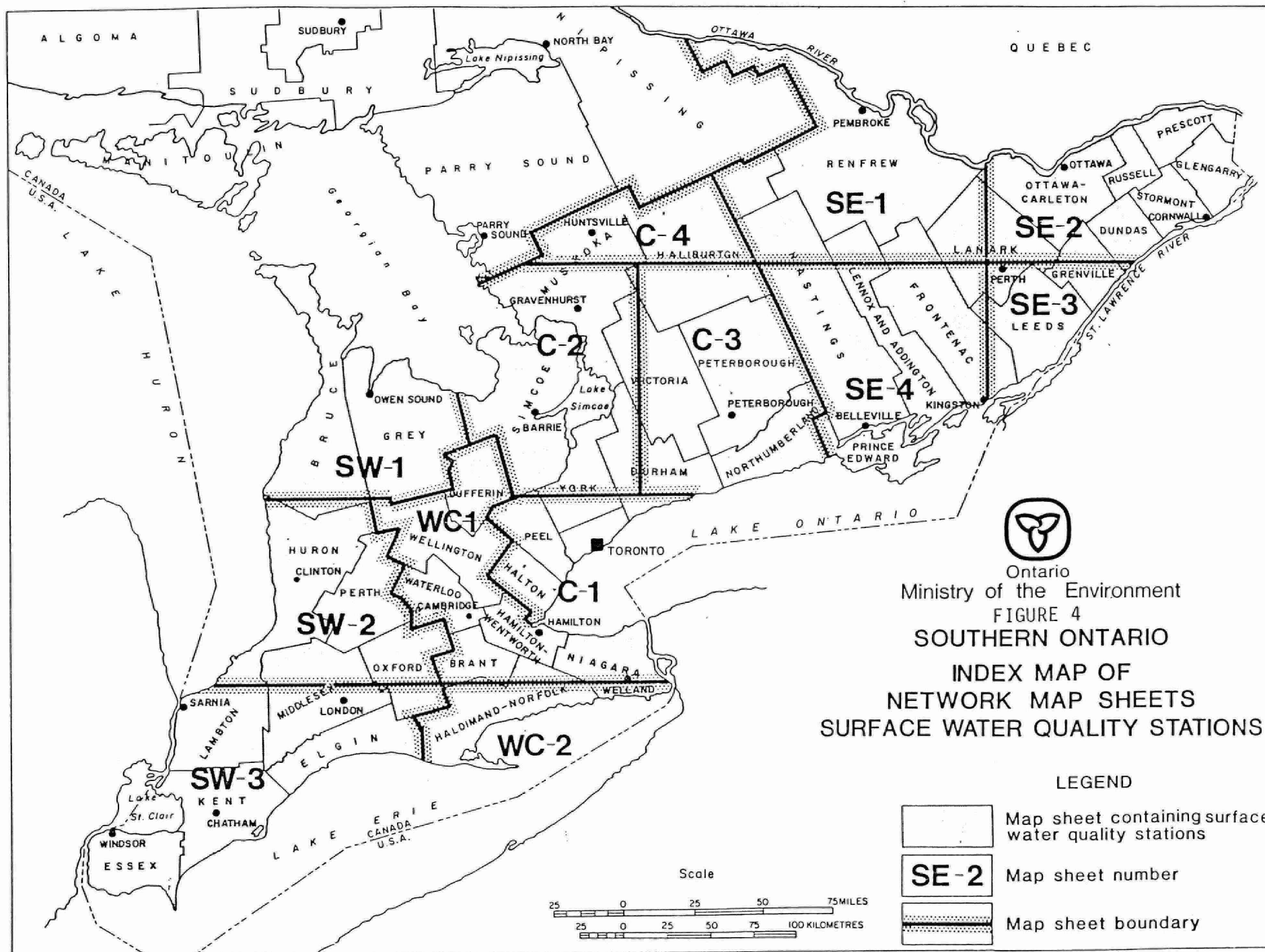
The following procedures was used in the preparation of the maps. Individual base maps within a Region were assembled using the National Topographic Series maps at a scale of 1:250,000. In northern Ontario, this was reduced to a scale of 1:500,000 in the Lake Superior and Nelson River basins, and to a scale of 1:2,000,000 in the Hudson Bay basin. For each base map, an overlay of the river systems was prepared, showing major watershed and Ministry of the Environment Regional boundaries. Numeric terminal basin and stream codes were added, and active water quality monitoring stations were located on each overlay and referenced with station numbers. The overlays were then reduced to approximately 40% of their original size for purposes of this publication.

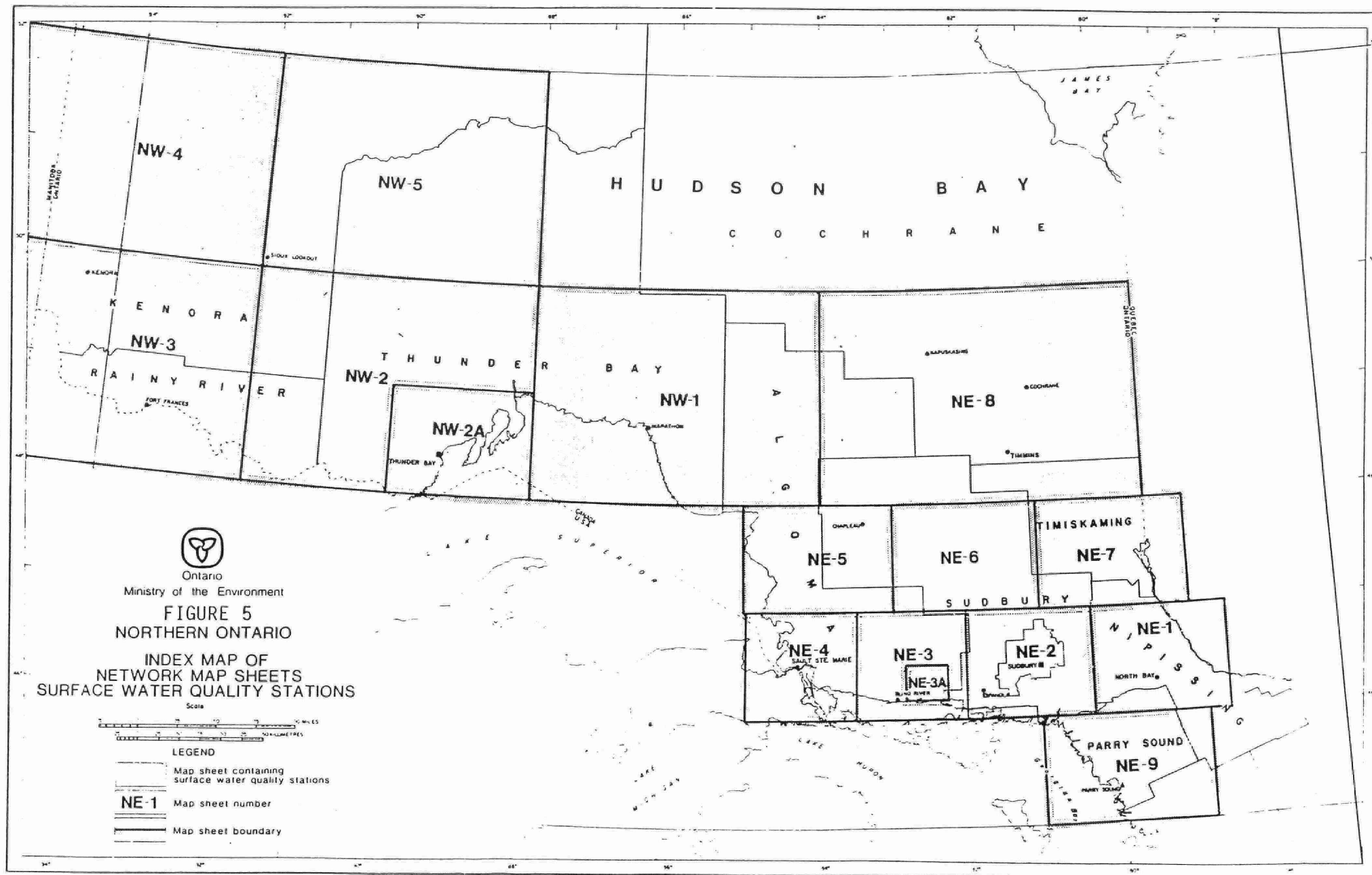
The previously-mentioned terminal basin and stream code, when combined in sequence with a given station number, form a unique station identifier which appears as the "Station ID". The "Station ID" is listed for all active monitoring stations in the "Sampling Station Directory", an alphabetical listing of terminal streams monitored in Ontario (see Appendices).

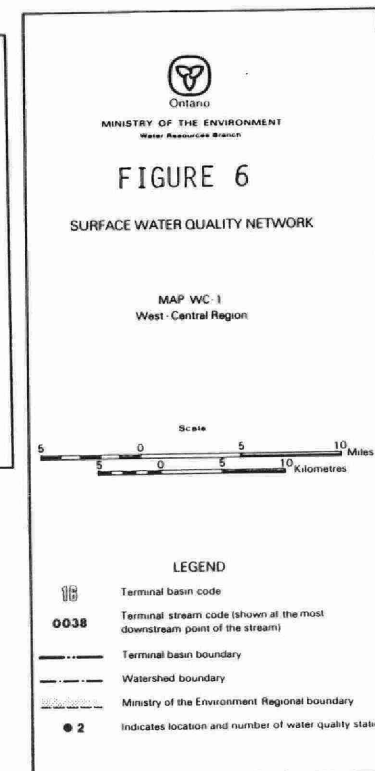
The location of stations in the West Central region are shown in figures 6 and 7. The locations of the other stations in the other regions and in other parts of Ontario such as those located on the Great Lakes or those operated by the Water Quality Branch, Ontario Region, Environment Canada, are not included.

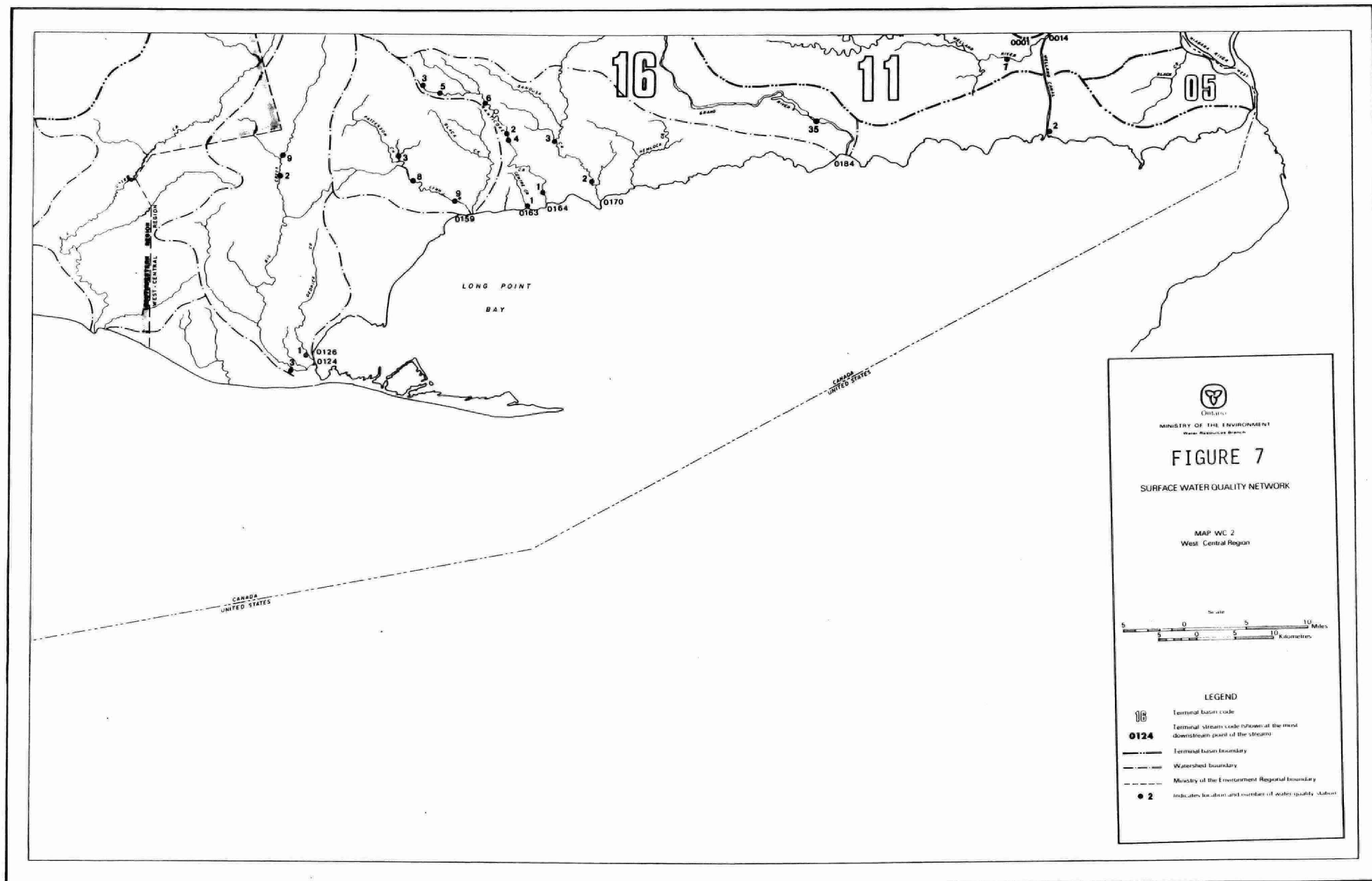
INTERPRETATION OF DATA

The definition of the parameters measured in the Provincial Water Quality Monitoring Program are listed in the following pages. The significance of each measurement in regard to specific water uses can be determined by referring to the booklet "Water Management, Goals, Policies, Objectives and Implementation Procedures of the Ministry of the Environment, November, 1978". (Revised, May 1984)









A. ANALYSES AND MEASUREMENTS CONDUCTED AT THE SAMPLING SITE

Stream Condition

The physical condition of the body of water is described from an on-site examination at the time of sampling and is represented by a one-digit number from one to zero as follows:

1. Stream dry
2. Frozen to stream bed
3. Stream in flood condition
4. Sampled through ice
5. Suspended algae
6. No apparent algae
7. Profuse weed growth
8. Normal
9. Oil scum or floating matter
0. Objectionable odours

Under some circumstances a combination of up to three of the above conditions may be shown for a given sample at an individual station.

Streamflow

Streamflow information at or near a water quality monitoring site is an important factor when interpreting and employing water quality data. The product of streamflow and concentration defines the mass of material passing a point. Streamflow is also a useful reference when comparing water quality data for different periods of the year (e.g. spring flood vs summer drought).

Flows in many of the streams sampled are measured by the Water Survey of Canada, Inland Waters Directorate, Environment Canada. In a number of other studies, stream samplings are carried out by the Ontario Ministry of the Environment.

Temperature

Water temperature is an important factor when a number of water quality parameters are being evaluated. Temperature directly affects the solubility of gases (e.g. dissolved oxygen) and significantly affects biological and chemical reaction rates.

Temperature is measured at the sampling site with an electronic thermistor or a mercury thermometer.

Dissolved Oxygen

Dissolved oxygen in water originates directly from the atmosphere or through photosynthesis in aquatic plants. Ample dissolved oxygen is necessary to maintain satisfactory conditions for fish and other biological life in water. Organic wastes and some inorganic materials exert, upon decomposition, an oxygen demand which may deplete the dissolved oxygen below levels required by aquatic life.

Dissolved oxygen is measured at the sampling site with an electronic meter or by a chemical titration.

B. ANALYSES AND MEASUREMENTS CONDUCTED AT THE LABORATORY

1. MICROBIOLOGICAL ANALYSES

Total Coliform

The Membrane Filter (MF) technique is used to obtain an approximation of the concentration of total coliform organisms. These organisms are normal inhabitants of soils and the intestines of man and other warm-blooded animals. They are always present in large numbers in sewage and fecal matter, and are often found in watercourses adjacent to industrial, agricultural and other pollution sources.

Results are reported as MF count per 100 ml of sample.

Background Count

The background count estimates the number of organisms, other than coliforms, that occur in the total coliform analysis of a sample. The results are used in the interpretation of total coliform counts. High background counts are generally indicative of poor water quality.

Fecal Coliform and Fecal Streptococcus (Enterococcus) Organisms

Fecal coliform and Enterococcus organisms are generally found in the alimentary tract of warm-blooded animals. They are indicative of sanitary waste intrusion and/or fecal contamination from warm-blooded animals.

Pseudomonas aeruginosa

Pseudomonas aeruginosa, are pathogens found in sewage, that can be readily isolated. These organisms are sometimes found in bathing waters and are the major pathological agent in otitis externa (ear aches) and other skin infections.

Escherichia Coliform (E. COLI)

E. Coli is the predominant, facilitative bacterial species in the large bowel and is thus the coliform most directly related to fecal pollution. E. coli is occasionally pathogenic to man (e.g. urinary tract infections) but is primarily an indicator organism in water bacteriology.

2. CHEMICAL AND PHYSICAL ANALYSES

Biochemical Oxygen Demand (BOD)

In itself, BOD is not a pollutant and presents no direct harm to the aquatic environment. It is, however, a measure of the unstable organic matter present in water which, through aerobic decomposition, oxidizes to a stable inorganic form utilizing the oxygen resources of a watercourse. The level of BOD is an important parameter in assessing the potential concentrations of dissolved oxygen in water.

Five-day biochemical oxygen demand (BOD_5) is a laboratory measurement of the amount of oxygen consumed in a sample incubated for five days at 20°C .

Total Phosphorus

Phosphorus is a primary nutrient for plant and animal life and like nitrogen passes through cycles of decomposition and photosynthesis. This element is commonly found in nature in the form of inorganic phosphates and organically bound phosphorus. Total phosphorus includes orthophosphate, condensed phosphates and organically bound phosphorus in both the dissolved and particulate form. Untreated or treated sewage, some industrial wastes and agricultural and urban drainage contain significant concentrations of phosphorus.

Although there is no firm criterion for phosphorus, it is generally considered that to eliminate excessive plant growths in rivers and streams, total phosphorus should not exceed 0.03 mg/l . To avoid nuisance concentrations of algae in lakes, average total phosphorus concentrations for the ice free period should not exceed 0.02 mg/l .

Filtered Reactive Phosphate

Filtered reactive phosphate is that phosphorus which passes through a 1-2 micrometre filter and responds to a colorimetric orthophosphate determination. It is a combination of simple orthophosphate and readily hydrolyzed phosphate primarily in the dissolved form.

Filtered reactive phosphate is generally considered to be readily available for aquatic plant growth.

Filtered Ammonia Nitrogen

Filtered ammonia nitrogen (ammonia NH_3 and ammonium NH_4^+) is the soluble product in the anaerobic decomposition of nitrogenous organic matter. It is also formed when nitrites and nitrates are reduced either biologically or chemically. Small amounts of ammonia nitrogen may be taken out of the atmosphere by rain water.

Rivers which are considered unpolluted generally have filtered ammonia levels of less than 0.1 mg/L.

Total Kjeldahl Nitrogen

Total Kjeldahl nitrogen is a measure of the total nitrogenous matter present, excluding nitrate and nitrite. The total Kjeldahl nitrogen concentration, less the ammonia nitrogen concentration, gives a measure of the organic nitrogen present.

Ammonia and organic nitrogen are important in assessing the availability of nitrogen for biochemical utilization. In unpolluted rivers, the normal range for total Kjeldahl nitrogen is 0.1 to 0.5 mg/L.

Filtered Nitrite

Nitrite is an intermediate oxidation product of ammonia and also an intermediate form in the denitrification process from nitrate to nitrogen gas. The significance of nitrites, therefore, varies with their amount, source and relation to other constituents of samples (notably the relative magnitude of ammonia and nitrate present).

Since nitrite is rapidly and easily converted to nitrate, its presence in concentrations greater than a few micrograms per litre is generally indicative of active biological processes in the water.

Filtered Nitrate

Nitrate is the end product of the stabilization of organic nitrogen which occurs primarily through aerobic biochemical processes. Nitrate is usually found in polluted waters that have undergone some degree of self-purification. Nitrates can also occur in watercourses intercepting drainage from fertilized agricultural areas.

Nitrogen in the form of nitrate is readily utilized by aquatic plants and algae. In unpolluted rivers, the nitrate nitrogen concentration is generally less than 0.5 mg/L.

Inorganic Nitrogen

Inorganic nitrogen is a calculated value and represents the sum of the concentrations of filtered ammonia nitrogen and filtered (nitrate plus nitrite) nitrogen.

Organic Nitrogen

Organic nitrogen is a calculated value and represents the difference between the concentrations of total Kjeldahl nitrogen and filtered ammonia nitrogen.

Total Nitrogen

Total nitrogen is a calculated value and represents the sum of the concentrations of total Kjeldahl nitrogen and filtered (nitrate plus nitrite) nitrogen. Nitrogen is a common constituent of decomposition products, treated sewage, fertilizers and industrial discharges. Nitrogen compounds are present in most plant and animal materials.

Solids

Total, suspended and dissolved solids are presented as separate parameters in this report. The solids analyses are gross measurements of the amounts of particulate matter and dissolved materials found in water. Solids enter the watercourse from virtually every source, the most familiar being sewage treatment plant effluents, municipal storm drainage, industrial discharges and erosion.

Solids significantly affect water uses. Highly turbid water is undesirable for municipal and industrial supply, fish and aquatic life, recreation and aesthetics. Suspended solids can also transport significant quantities of organic and inorganic trace contaminants.

Conductivity

The conductivity test provides a measure of the electrolytic properties of water. The presence of dissolved ions (in solution) such as chlorides, sulphates and calcium, renders water conductive. Conductance, the reciprocal of resistance, is recorded in the unit mho and in order to avoid inconvenient decimals, data are reported in micromhos per cubic centimetre. In many waters there is a direct linear relationship between dissolved solids concentrations and conductivity.

Conductivity serves as a control parameter and is an excellent indicator of water-quality changes since it is relatively sensitive to variations in dissolved-solids concentrations.

Turbidity

The turbidity of water is attributable to suspended and colloidal matter such as micro-organisms, detritus, clay and other mineral substances which reduce clarity and diminish the penetration of light.

Turbidity is undesirable in surface waters used for domestic and industrial supply and for recreation. Often some of the suspended matter has to be removed to prevent interference with disinfection processes and abrasion to equipment. By interfering with the penetration of light, turbidity can seriously affect aquatic biological communities.

Chlorides

Chlorides are found in practically all natural waters. They may be of natural mineral origin but in general the largest contributions can be traced to domestic sewage discharge, municipal storm drainage, road salting, and industrial wastes.

While not harmful to health in moderate quantities, high concentrations of chlorides make water unfit for municipal and industrial supplies and livestock watering. In addition to imparting an objectionable taste to water, high chloride levels are responsible for increased corrosiveness of water. Furthermore, chloride, being toxic to many plants, may render water undesirable for irrigation.

Sulphate

Sulphates may occur naturally in waters and may be contained in industrial wastes. They are produced from the final oxidation stage of sulphides, sulphites and thiosulphates. Sulphates, under anaerobic conditions, can be reduced to hydrogen sulphide which is malodorous (the odour of rotten eggs) and highly corrosive.

High concentrations (between 150 and 500 mg/l) in drinking water may be cathartic to humans.

Sulphide

Sulphide is formed by bacterial reduction of sulphate and organic sulphur compounds under anaerobic conditions. It is therefore, commonly found in domestic wastewater, industrial wastewater, sludges, hypolimnions of stratified lakes and any other aquatic systems where anaerobic conditions prevail. As a result, concentrations in surface waters are negligible.

Sulphide is an important parameter in waste treatment monitoring. Oxidation of sulphide to sulphuric acid in concrete sewer pipes leads to "crown corrosion". Soluble sulphides in excess of 200 mg/L are toxic to bacteria and will inhibit sludge digestion.

Unfiltered Reactive Silicate

Silicon occurs in sand or quartz as silica and as silicates in feldspar, kaolinite and other minerals. Silicon dioxide, or silica, is insoluble in waters or acids, except hydrofluoric acid, but it may occur in natural waters as finely divided or colloidal suspended matter. Silica is widely employed in industry for making glass, silicates, ceramics, abrasives, enamels, petroleum products, etc.

In concentrations found in natural and treated waters, silica or silicates have no adverse physiological effects. Silicates are essential to the growth of many aquatic organisms.

The data which appear under the heading "Reactive Silicate" should properly be referred to as "Unfiltered Reactive Silicate" and are reported as Silicon (Si). Data in this series of publications prior to 1975 were reported as Silica (SiO_2).

Acidity

Acidity in surface or ground waters may be attributable to natural causes, such as humic acids extracted from swamps or peat beds, or industrial wastes such as pickling liquors, effluent from the manufacture of explosives, acid mine drainage or sulphite waste liquors. It may also be affected by atmospheric inputs.

Acidity is best interpreted in conjunction with the pH and alkalinity, as well as any other analyses which identify the acidic components of water.

Filtered Alkalinity

Alkalinity is a measure of a water's capacity to neutralize an acid. The alkalinity of natural waters is caused by three major classes of materials which may be ranked in order of their effect on pH as follows:

1. Hydroxides (rarely present in Ontario)
2. Carbonates
3. Bicarbonates and other salts of weak acids

The alkalinity of water has little sanitary significance but is of importance in water and waste treatment practices. Waters with high alkalinity are undesirable because of their associated excessive hardness.

pH

The symbol pH is used to designate the logarithm (base 10) of the reciprocal of the hydrogen-ion concentration. It is an index of the acidity or alkalinity of the solution. The practical pH range extends from 0, very acidic, to 14, very alkaline, with the middle value of pH 7 corresponding to exact neutrality at 25°C.

The pH is important in determining the treatment of water supplies.

Total Iron

Iron is one of the most abundant elements in the earth's crust and it is a constituent of many industrial wastes.

When sufficient iron is added to water in the form of salts (chlorides, nitrates, sulphates), ferrous to ferric precipitates (iron hydroxides) tend to form, causing low pH values which are toxic to aquatic life. Iron in water may also result in the growth of iron bacteria causing unpalatable tastes, discolouration of cloths and plumbing fixtures, and the formation of scales in water mains.

Phenols

The phenolic compounds, collectively referred to as phenols, are those hydroxyl derivatives of benzene or its condensed nuclei, which are determined by the 4-amino antipyrine method. The results are reported from many industrial processes and may also be released from aquatic plants and decaying vegetation.

Depending on the concentration, the presence of phenolic compounds may be toxic to fish, and may taint the flesh of fish. Phenols in very minute concentrations will combine with chlorine to produce tastes and odours which are usually described as medicinal or chemical.

Hardness

Water hardness relates to a water's capability to produce lather from soap. The higher the hardness, the less lather will be formed. Hardness in water is caused by dissolved divalent metal ions, calcium and magnesium being the most common. Natural hardness occurs most frequently in limestone areas. The limestone is dissolved by contact with ground and surface water and releases calcium ions and traces of contaminant metals.

Hard water, though not considered a health hazard, is undesirable for industrial and domestic water supplies because it has a number of detrimental effects, the most common being the formation of scale in boilers, pipes and water heaters; excessive soap consumption in home and commercial laundering; and adverse affects in textile, plating and canning industries.

Results appear under either the heading "Hardness" and "Calculated Hardness", depending on the analytical procedure. The former results are obtained through titration with ethylenedi-aminetetra-acetic acid (EDTA), the latter by calculation from magnesium (Mg) and calcium (Ca) results determined by Atomic Absorption Spectrophotometry (AAS).

Calcium

Calcium is relatively abundant in the earth's crust and readily soluble in water so that calcium salts and calcium ions are among the most commonly encountered substances in water. They may result from the leaching of soil and may be contained in sewage and industrial wastes.

Excessive calcium and magnesium in drinking water have been implicated as factors predisposing to the formation of concretions in the body, such as kidney, or bladder stones. On the other hand, there is also evidence of adverse physiological effects from an insufficiency of calcium in water. The calcium ion is a major contributor to hardness and is often responsible for boiler scale

deposits on cooking utensils and excessive soap requirements in washing and laundering. Where water is used for irrigation, calcium is beneficial to plant growth.

Magnesium

Magnesium is an abundant element and a common constituent of natural waters. Magnesium ranks with calcium as a major cause of hardness. The effects of magnesium of water used for consumption and irrigation are generally the same as those of calcium. Magnesium is considered relatively non-toxic to man and not a public health hazard because before toxic concentrations are reached in water, the taste becomes quite unpleasant.

Colour

Colour in water may be of natural mineral or vegetable origin caused by metallic substances such as iron and manganese compounds, humus material, peat, tannins, algae, weeds, and protozoa. Waters may also be coloured by inorganic or organic soluble wastes from industries, such as steelworks, mining, refining, pulp and paper, chemicals, and others. Returned irrigation water also contributes to colour.

Colour from natural origin is not considered harmful from a health standpoint. However, in domestic water, colour is undesirable from aesthetic considerations.

Potassium

Potassium occurs in many minerals and potassium salts exist in natural waters as a result of contact with potassium-bearing soils and the introduction of certain industrial wastes. The common salts of potassium are highly soluble in water. They resist separation from water by natural processes other than evaporation.

In limited concentrations, potassium is an essential nutrient. Excessive amounts of certain potassium salts in drinking water have detrimental effects on human digestive and nervous systems.

Sodium

Sodium salts are common to all natural waters and may be present in high concentrations in wash waters softened by exchanging calcium and magnesium ions for sodium. Sodium is also found in many industrial process effluents, domestic wastes and salts used in road de-icing.

The presence of sodium salts in drinking water may present a health hazard to a person with circulatory, renal and cardiac problems and may cause digestive problems in animals and otherwise healthy human beings. Concentration of salts such as sodium chloride impact objectionable tastes and may render water unpalatable.

Total Organic Carbon (TOC)

Total organic carbon (TOC), the most significant carbon measurement from a water-quality assessment viewpoint, is the arithmetic difference between total carbon (TC) and total inorganic carbon (TIC).

Total organic carbon usually has a direct relationship with Biochemical Oxygen Demand (BOD) and Chemical Oxygen Demand (COD) values, but the relationship varies with the composition of the organic material present. The carbon tests are rapid and suitable for the evaluation of organic pollution levels, assessment of waste treatment efficiencies and to a limited extent, the potential demand of a waste discharge on the oxygen resources of a water body.

Dissolved Organic Carbon (DOC)

The organic content of lakes and rivers depends primarily on the products of plants and animals which those water bodies support. Most of the organic carbon in water is composed of humic substances and partly degraded plant and animal materials, some of which is resistant to microbial degradation. Runoff from agricultural land and industrial discharge from industries such as pulp and paper will add organic carbon to the water. The degradation of large amounts of organic matter causes depletion of the dissolved oxygen concentration and hence, organic carbon is also measured on sewage and industrial waste samples. In natural waters, the organic carbon content will usually be less than 30 mg/L.

Chemical Oxygen Demand (COD)

The chemical oxygen demand is used in measuring the strength of sewage and industrial wastes. The major advantage of this test is that laboratory results can be obtained in about three hours compared to five days for the five-day biochemical oxygen demand test. The chief limitation of the COD analysis is its inability to differentiate between biologically oxidizable and biologically inert organic matter. The COD almost always exceeds the biochemical oxygen demand.

Solvent Extractables

The solvent extractable test measures the total quantity of substances present in a water sample that is readily soluble in an appropriate organic solvent. Such substances include fatty acids, petroleum products, oils, greases and resins. They are generally found in effluents of oil refineries, meat packing plants, slaughter houses, dairies, canneries, and a variety of other industries.

Solvent soluble materials greatly increase the oxygen depletion rate in receiving waters and will hinder oxygen exchange with the atmosphere by forming slicks.

Arsenic

Arsenic may occur, naturally, to a small extent, mostly as sulphides and as arsenides of metals. Elemental arsenic is insoluble in water but many of the arsenates are highly soluble. Highest levels of arsenic in Ontario are found in watercourses downstream of wastewater discharges from metal smelting operations.

Arsenic is very toxic to humans and the trivalent forms are largely retained in the body tissues. Low concentrations of arsenic stimulate plant growth but higher concentrations destroy chlorophyll in the foliage.

Mercury

Mercury may occur naturally as a free metal or as mercuric salts, the most common being cinnabar, HgS. Both elemental mercury and HgS are insoluble in water and are not likely to occur as water pollutants. Many synthetic organic salts of mercury are used commercially and these salts are highly soluble in water.

Mercury is cumulative and toxic to humans and can be concentrated and transferred up the food chain to a point where commercial and game fish may become unsuitable for human consumption.

Micro-organisms can methylate inorganic mercury under both aerobic and anaerobic conditions to produce a more toxic substance.

Aluminium

Aluminium occurs in many rocks and ores but never as a pure metal in nature. In streams, the presence of aluminium ions may result from industrial wastes or more likely from wash water from water treatment plants.

Aluminium in a public water supply is not considered a public health problem, since no evidence has been found to prove that aluminium in water supplies is harmful to human beings.

Chromium

Few waters contain chromium from natural sources since chromium is generally present in rocks and soils as insoluble chromic oxide which is strongly sorbed to particulate matter. Chromate or dichromate salts are used extensively in metal pickling and plating operations, in anodizing aluminium, in the leather industry as a tanning agent, and in the manufacture of paints, dyes, explosives, ceramics, paper and many other substances. Chromic or chromite salts on the other hand, are used much less extensively being employed as mordants in textile dyeing, in the ceramic and glass industry and in photography. Chromium compounds may be present in wastes from many of the foregoing industries or may be discharged in chromium-treated cooling waters where the chromium is used as a corrosion inhibitor.

There is no evidence that chromium salts are essential or beneficial to human nutrition. Salts of trivalent chromium are not considered to be physiologically harmful; however, large doses of chromates lead to corrosive effects in the intestinal tract and to nephritis. Both the chromic and chromate ions are toxic to plants and interfere with the uptake of essential elements.

Copper

Copper salts occur in natural surface waters in trace concentrations and may occur in industrial waste discharges. Copper is used as an algicide for the control of undesirable algae growth and in the treatment of soils as a fungicide and a pesticide.

Copper compounds are toxic to plants and aquatic life. Prolonged ingestion may cause liver damage in man.

Lead

Some natural waters contain lead in solution. Lead may be introduced into water as a constituent of various wastes including industrial and mining effluents, lead plumbing and automobile exhaust. Certain lead salts, such as acetate and chloride, are readily soluble. However, lead which occurs in the carbonate, hydroxide and sulphate forms is sparingly soluble and will not remain long in natural waters.

Lead is a cumulative poison that tends to be deposited in the bone. The intake that can be regarded as safe cannot be stated definitely because the sensitivity of individuals to lead differs considerably. Studies on fish indicate that in water containing lead salts, a film of coagulated mucus forms over the gills and then the entire body, probably as a result of a reaction between lead and an organic constituent of mucus. The fish then die of suffocation. The toxic effects of lead on fish decreases with increasing hardness and dissolved oxygen.

Total Cadmium

In the elemental form, cadmium is insoluble in water. It occurs in nature largely as a sulphide salt, greenockite or as a cadmium blend and often as an impurity in zinc-lead ores.

Cadmium salts are cumulative and highly toxic to man having been implicated in some cases of food poisoning. Consumption of cadmium salts causes cramps, nausea, vomiting, and diarrhea. Cadmium affects reproduction in fish and zooplankton; however, the toxic effects vary with species and time of exposure.

Total Zinc

Generally, zinc occurs only in trace amounts in surface waters. The zinc ion is believed to adsorb strongly and permanently on particulate matter (e.g. silt) which settles out of suspension.

Zinc has no known adverse physiological effects upon man except at very high concentrations. At such concentrations, zinc gives water a milky appearance and causes a greasy film on boiling, thus making it unattractive for domestic water supply. Zinc is toxic to aquatic organisms and its toxicity decreases with increasing hardness.

Manganese

Manganese is similar to iron in that it is found in many industrial wastes and occurs in soils as manganic and manganous compounds. Under anaerobic conditions the manganic ion is reduced to soluble nitrate, sulfate, and chloride salts of manganese and is leached, along with iron, into ground and surface waters. Its presence like iron, may indicate domestic or industrial pollution.

Water with high manganese content is undesirable for its taste, colour and tendency to form deposits on cooking utensils.

Total Nickel

Nickel in ores and minerals is insoluble but as a salt (nickel ammonium sulphate, nickel nitrate, nickel chloride) is highly soluble. Electroplating wastes may contain substantial amounts of nickel salts.

Nickel and its salts have generally proven to be non-toxic to man even at very high levels. Contact with nickel salt solutions may result in dermatitis and repeated inhalations of nickel compounds can cause lung cancer. Levels of 0.1 mg/l have been reported to adversely affect plant life.

Fluoride

Fluorides in high concentrations are not a common constituent of natural surface waters, but may naturally occur in detrimental concentrations in ground waters.

A condition known as "mottled enamel" (dental fluorosis) may occur when the concentration of fluoride ion in drinking water is in excess of 1.0 mg/L; however, small quantities have proven to be beneficial in reducing tooth decay. Excess concentrations affect animal breeding efficiency and may have detrimental effects on some plants.

Cyanide

Cyanides are likely to occur in effluents from gas works and coke ovens, from the scrubbing of gases produced from blast furnaces, in wastes from the surface cleaning of various metals, and in electroplating processes and other chemical industries.

Cyanide in water is toxic to biological life, the lethal concentration depending on water quality, temperature and type and size of organism.

Cobalt

Cobalt occurs naturally in the minerals cobaltite, smaltite and erythrite. It is widely used in the manufacture of alloys, the tungsten carbide tool industry and as pigments used in glass staining.

Cobalt is an essential element at trace levels for both animals and plant nutrition. It is known to be one of the main constituents of Vitamin B₁₂. Adverse effects due to cobalt are very slight even at high concentrations. No limits have been set on the maximum acceptable concentration for cobalt in domestic water supplies.

3. RADIOCHEMICAL ANALYSES

All elements are made up of atoms, each of which consists of a central nucleus surrounded by a number of electrons. Some nuclei are radioactive; they emit excess energy in the form of ionizing radiation as a result of nuclear disintegrations. The three types of ionizing radiations which are of principal interest in environmental studies are referred to as alpha, beta and gamma radiations.

1. Alpha rays are streams of fast moving helium nuclei. These are particles which can travel only a few centimetres in air and can be stopped by a sheet of paper or a layer of skin.
2. Beta rays are streams of fast moving electrons which are very much lighter than helium nuclei. The maximum range of most common beta rays is a few metres in the air or one to two centimetres in the human body.
3. Gamma rays are highly penetrating electromagnetic radiation of the same family as radio waves and x-rays. Like x-rays, gamma mass rays can pass right through the human body.

The number of nuclear disintegrations occurring in a substance per second is a measure of its radioactivity. The unit of radioactivity used in this report is becquerel (Bq). One becquerel equals one nuclear transformation per second and corresponds to approximately 27 picocuries. Radiological half life is the length of time required for one half of the unstable atom to disintegrate or change (i.e. radioactive decay).

Exposure to radiation is characterized by the transfer of energy to molecules of the cells which make up body tissues and organs. This can affect the normal function of the cells, resulting in damage to the tissues and organs. Exposure to the small doses of radiation which might be encountered in the environment will not result in

immediate detectable damage; however, long-term effects may result. These effects are in apparently random occurrence of induced cancers and genetic defects in a small proportion of the exposed population. The numbers of effects induced are considered to be directly proportional to the amount of absorbed radiation.

Gross-alpha

Gross-alpha is a measure of the total radioactivity of all the alpha emitting materials in a sample. Measurements of gross-alpha activity provide useful reference points to enable trends to be detected. However, the results cannot be used to determine radiation dose or health effects since the short range of alpha particles means that some will not be detected, thereby causing an underestimation of the total activity. Also, the alpha particles may be emissions from a mixture of materials that are radiologically and biologically different.

Gross-beta

Gross-beta is a measure of the total radiation of all the beta emitting materials in a sample. Measurements of gross-beta activity provide useful reference points to enable trends to be detected but cannot be used to determine radiation dose or health effects.

Radium-226

Radium-226 is a naturally occurring alpha-particle emitter formed from the decay of uranium-238 and has a radiological half life of 1602 years.

Uranium-total

Total uranium exists primarily as the isotope uranium-238 with less than 1% occurring as uranium-235. Uranium is a naturally occurring alpha-particle emitter which was formed at the same time as the earth (about 5×10^9 years) and is still present in significant quantities due to its extremely long radiological half-life (4.5×10^9 years).

Cesiumm-137

Cesium-137 is a beta-particle emitter formed as a fission product in nuclear weapons detonation and atomic reactor operation. Cesium-137 is readily adsorbed and retained by biological systems. Its radiological half life is 30 years.

Cesium-134

Cesium-134 is a beta-particle emitter also formed as a fission product in nuclear weapons detonation and atomic reactor operation. Cesium-134 is of less importance than Cesium-137 as its radiological half-life is only 72 hours.

Cobalt-60

Cobalt-60 is primarily formed in atomic reactor operation due to the neutron activation of trace quantities of cobalt-59 found in steel. Insignificant quantities are also formed from nuclear weapons detonation. Cobalt-60 has a radiological half life of 5.3 years and emits both beta and gamma radiation.

Tritium

Tritium exists fairly uniformly in the environment as a result of natural production by cosmic radiation and residual fallout from nuclear weapons tests. This background level is gradually being increased by the use of nuclear reactors to generate electricity.

Current tritium from the nuclear power industry comprises a small proportion of environmental tritium in comparison with that from nuclear weapons fallout and naturally produced tritium. However, nuclear reactors and fuel-processing plants are localized sources of tritium because of discharges during normal operation. This industry is expected to become the major source of environmental tritium contamination some time in the future if present growth trends continue and nuclear explosion in the atmosphere are not resumed. Tritium is produced in light water nuclear reactors by ternary fission, neutron capture in coolant additives, control rods and plates, and activation of deuterium. About 1% of the tritium in the primary coolant is released in gaseous form to the atmosphere; the remainder is eventually released in liquid waste discharges. Most of the tritium produced in reactors remains in the fuel and is released when the fuel is reprocessed.

Naturally occurring tritium is most abundant in precipitation and lowest in aged water because of its physical decay by beta emission to helium.

IODINE

Iodine is a chemical oxidant. It disinfects in a manner similar to chlorine. Iodine is the least soluble of all the halogens, hence it is the least likely to be hydrolyzed by water. It also has the lowest oxidation potential; that is, reacting more slowly with organic compounds than chlorine. Because of this stability, iodine does not react with nitrogenous compounds as does chlorine. Iodine remains effective through a wider range than does chlorine; chlorine becomes less stable at pH of 8 as compared to iodine at pH of 10.

4. SYNTHETIC ORGANIC ANALYSES

The synthetic organic compounds referred to in this section are classified as pesticides and industrial chemicals. These compounds contain linked carbon atoms in their chemical structure and are, for the most part, synthesized from common chemicals. Furthermore they may be subdivided into chemical families of compounds sharing common characteristics. For example, organochlorine compounds (chlorinated hydrocarbons) contain chlorine, hydrogen and carbon in their structure; they have a tendency to accumulate in the fatty tissues of animals and are stable compounds (i.e. persistent).

Until recently, only a few classes of compounds such as drugs, food additives and pesticides were controlled by legislation. For example, the only pesticides which may be offered for sale in Ontario are those which have been registered under the authority of the Pest Control Products Act which is administered by Agriculture Canada. The term pesticide includes insecticides, herbicides and fungicides which are chemical compounds used to control insects, weeds or fungi (i.e. "pests") that attack crops, animals and man. In contrast to the regulation of pesticides, thousands of unregistered synthetic organic chemicals are in daily use as raw materials, products and additives. Very little is known about their possible health and environmental effects because of their sheer number and diversity of use. Many are not hazardous, but the adverse effects already encountered by some have created concern for preventative measures of both known and potentially hazardous substances.

Polychlorinated Biphenyls (PCBs)

PCBs are a range of industrial chemicals produced by direct chlorination of biphenyl. The North American products in this family are sold under the name Arochlor. Arochlors are characterized by a four digit number (e.g. Arochlor 1242, Arochlor 1254 of which the last two digits refer to the weight percentage of chlorine in the products. There are 208 possible compounds which could be formed by this reaction. Each product is a different mixture of up to 100 of these, each with its own unique physical, chemical and biological properties.

The main characteristics of PCBs are their chemical, physical, biological inertness and electrical insulating properties. They have been widely used in transformers, capacitors, as heat exchange fluids, plasticizers, in inks, paint, lubricants, and many other products. Spills and waste disposal practices have resulted in very large inputs of these chemicals to all facets of the environment.

PCBs are lipophylic and thus continuing environmental inputs have led to biological uptake and concentration. Of particular concern are the excessive levels detected in some fish. Levels in water and air to date have not demonstrated a threat to human health, as might arise from fish consumption. PCBs have been shown to be both acutely and chronically toxic, carcinogenic and teratogenic. Limits for human consumption have been set based on tests on monkeys and rats. The present acceptable level of PCBs in fish is 2.0 ppm. However, for protection of the fisheries resource from reproductive failure, 0.1 ppm has been suggested. Long-term use of PCBs, at elevated temperatures, and inefficient incineration of these materials have been shown to produce the highly toxic chlorodibenzofurans, closely related to dioxins.

Trichlorophenoxyacetic Acid (2,4,5-T)

2,4,5-T is a chlorophenoxy acid herbicide. Other members of this family include 2,4-D and 2,4,5-TP which were introduced as selective weed killers at the end of World War II. Their uses include weed control in cereal crops, lawns, along roadsides, hydro and railroad rights-of-way and control of aquatic weeds.

The human toxicity of these herbicides is low; effects on farmstock and wildlife from current environmental levels would appear to be negligible and no discernible toxic effects have been reported in fish at levels below 100 mg/L.

However, 2,3,7,8-tetrachlorodibenzodioxin (TCDD), an extremely toxic compound, has been detected in 2,4,5-T formulations as a by-product of its manufacture, thus raising doubts as to the human safety of the use of 2,4,5-T, and the related herbicide 2,4,5-TP (Silvex). A tolerance level of 0.1 ppm 2,3,7,8-TCDD in 2,4,5-T formulation has been set, but the adequacy of the safety factor is still under discussion.

Pentachlorophenol (PCP)

Pentachlorophenol is used as a herbicide, defoliant, insecticide, fungicide and wood preservative. The salts, esters and ethers of PCP are also effective herbicides.

PCP is considered relatively toxic to wildlife and fish and its presence in water can cause tainting of fish flesh, reducing its palatability. PCP can be harmful to man if inhaled and absorbed through the skin. There is no known antidote to PCP poisoning.

In addition to its inherent toxicity, a further problem is posed by the presence of high chlorinated dioxins, (octachlorodioxin, heptachlorodioxin, hexachlorodioxin) in PCP formulations. Whilst considerably less toxic than 2,3,7,8-TCDD (tetrachlorodibenzodioxin), it has been suggested that these compounds may degrade to 2,3,7,8-TCDD under the influence of sunlight and other environmental conditions.

STATION IDENTIFIER CODES, ABBREVIATED PARAMETER HEADINGS
AND QUALIFYING REMARKS CODES

Station Identifier Codes

The station identifier codes which appear in the index and the top right-hand corner of the data pages are numerical descriptions of the sampling station locations and are used primarily for electronic data processing of the water quality data. The eleven digit figure is decoded as follows: the first two digits refer to the terminal basins (see figures 2 and 3), the following four digits refer to the river basin (each river basin in a terminal basin is assigned a unique number), the next three digits refer to the station number within the river basin and the last two digits refer to the type of sample (e.g. 01-lake sample, 02-stream sample, 82 to 89-composite sample, e.g. 83 - 3 part composite across a station sampling range).

Distance

The distance in kilometres is measured along the centre line of a watercourse to the sampling station location from the junction of the related terminal stream and terminal basin.

Abbreviated Headings

BOW	body of water
STN NO	base station number
LAT	latitude (not applicable)
LONG	longitude (not applicable)
UTM	Universal Transverse Mercator Grid
SAMP DTE DY MO YR	sample date; day, month, year
HOUR LMT	hour(s) local mean time (2400 hour clock)
STN DIST FEET	distance from base station (in feet) (not applicable)
STN BRG	bearing of sampling point (deg N) from base station (not applicable)
SAMP DEPTH MTRS	sample depth (in metres)
PJ	project (not applicable)

Abbreviated Parameter Headings

The alphabetic codes appearing as the parameter headings are a series of unique codes used for computer processing. Each alphabetic code identifies a particular water quality parameter and analytical procedure.

Test Name and Abbreviated Description	Description of Test	Units of Measure
ACDT ACIDITY TOTAL	ACIDITY, TOTAL	MILLIGRAM PER LITRE AS CALCIUM CARBONATE
ALKT ALK TOTAL	ALKALINITY, TOTAL	MILLIGRAM PER LITRE AS CALCIUM CARBONATE
ACDT ALUT ALUMINUM UNF. TOT.	ALUMINIUM, UNFILTERED TOTAL	MILLIGRAM PER LITRE AS ALUMINIUM
ASUT ARSENIC UNFITOT	ARSENIC, UNFILTERED TOTAL	MILLIGRAM PER LITRE AS ARSENIC
ASBUR ARSENTE UNF. REAC.	ARSENIC +3 UNFILTERED REAC.	MILLIGRAM PER LITRE AS ARSENIC
ASJUR ARSENATE UNF. REAC.	ARSENIC +5, UNFILTERED REAC.	MILLIGRAM PER LITRE AS ARSENIC
BOD ₅ 5 DAY TOT. DEM.	BOD, 5 DAY, TOTAL DEMAND	MILLIGRAM PER LITRE AS OXYGEN
CAUR CALCIUM UNF. REACT.	CALCIUM, UNFILTERED REACTIVE	MILLIGRAM PER LITRE AS CALCIUM
CCNAUR CYANIDE AVAIL UNF. REACT.	CYANIDE, AVAILABLE UNFILTERED REACTIVE	MILLIGRAM PER LITRE AS HYDROGEN CYANIDE
CCNFUR	CYANIDE, FREE UNFIL. REACTIVE	MILLIGRAM PER LITRE AS HYDROGEN CYANIDE
CCUT CARBON UNF-TOT.	CARBON, UNFILTERED TOTAL	MILLIGRAM PER LITRE AS CARBON
CDUT CADMIUM UNF. TOT.	CADMIUM, UNFILTERED TOTAL	MILLIGRAM PER LITRE AS CADMIUM

Test Name and Abbreviated Description	Description of Test	Units of Measure
CLIDUR CHLORIDE UNF. REAC.	CHLORIDE, UNFILTERED REACTIVE	MILLIGRAM PER LITRE AS CHLORINE
COD CHEM. OX. DEMAND	CHEMICAL OXYGEN DEMAND	MILLIGRAM PER LITRE AS OXYGEN
COLAP COLOUR APPARENT	COLOUR, APPARENT	HAZEN COLOUR UNIT
COLTR COLOUR TRUE	COLOUR, TRUE	HAZEN COLOUR UNIT
COND25 CONDUCT. 25C	CONDUCTIVITY AT 25°C	MICROMHOS/CM (CONDUCTIVITY) AT 25 DEGREES CENTIGRADE
COUT COBALT UNF. TOT.	COBALT, UNFILTERED TOTAL	MILLIGRAM PER LITRE AS COBALT
C060 COBALT 60	COBALT 60	BECQUEREL PER LITRE
CRUT CHROMIUM UNF. TOT.	CHROMIUM, UNFILTERED TOTAL	MILLIGRAM PER LITRE AS CHROMIUM
CS134 CESIUM 134	CESIUM 134	BECQUEREL PER LITRE
CS 137 CESIUM 137	CESIUM	BECQUEREL PER LITRE
CUUT COPPER UNF. TOT.	COPPER, UNFILTERED TOTAL	MILLIGRAM PER LITRE AS COPPER
DO DISSOLVED OXYGEN	DISSOLVED OXYGEN	MILLIGRAM PER LITRE AS OXYGEN

Test Name and Abbreviated Description	Description of Test	Units of Measure
DOC CARBON DISSOLVED ORGANIC	CARBON, DISSOLVED ORGANIC	MILLIGRAM PER LITRE AS CARBON
ECMF ESCH IA COLI MF	ESCHERICHIA COLIFORM, MEMBRANE FILTRATIONS TECHNIQUE	COUNTS PER 100 ML
FCMF FECAL COLIFORM MF	FECAL COLIFORM MEMBRANE FILTRATION TECHNIQUE	COUNTS PER 100 ML
FEUT IRON UNF. TOT.	IRON, UNFILTERED TOTAL	MILLIGRAM PER LITRE AS IRON
FFIDUR FLUORIDE UNF. REAC.	FLUORIDE, UNFILTERED REACTIVE	MILLIGRAM PER LITRE AS FLUORINE
FSMF FECAL STREPCUS MF	FECAL STREPTOCOCCUS, MEMBRANE FILTRATION TECHNIQUE	COUNTS PER 100 ML
FWFLOW STREAM FLOW	STREAMFLOW	CUBIC METRE (1000L) PER SECOND
FWPH PH FIELD	PH, FIELD	NEGATIVE LOGARITHM OF HYDROGEN ION CONCENTRATION
FWSTRC STREAM COND.	STREAM CONDITION	NOT APPLICABLE
FWTEMP WATER TEMP.	TEMPERATURE, WATER	DEGREES CELSIUS

Test Name and Abbreviated Description	Description of Test	Units of Measure
GACF GROSS ALPHA CT. FILTERED	GROSS ALPHA CT., FILTERED	BECQUEREL PER LITRE
GACP GROSS ALPHA CT UNDISSOL.	GROSS ALPHA CT., UNDISSOLVED	BECQUEREL PER LITRE
GBCF GROSS BETA CT. FILTERED	GROSS BETA CT., FILTERED	BECQUEREL PER LITRE
GBCP GROSS BETA CT. UNDISSOL.	GROSS BETA CT., UNDISSOLVED	BECQUEREL PER LITRE
HARDT HARDNESS TOTAL	HARDNESS, TOTAL	MILLIGRAM PER LITRE AS CALCIUM CARBONATE
HGUT MERCURY UNF. TOT.	MERCURY, UNFILTERED TOTAL	MICROGRAM PER LITRE AS MERCURY
HH3 TRITIUM HYDROG-3	TRITIUM, (HYDROGEN 3)	BECQUEREL PER LITRE
II131 IODINE 131	IODINE 131	BECQUEREL PER LITRE
KKUR POTASSIUM UNF. REAC.	POTASSIUM, UNFILTERED REACTIVE	MILLIGRAM PER LITRE AS POTASSIUM
MGUR MAGNESIUM, FIL. REAC.	MAGNESIUM, FILTERED REACTIVE	MILLIGRAM PER LITRE AS MAGNESIUM
MNUT MANGANESE, UNF. TOT.	MANGANESE, UNFILTERED REACTIVE	MILLIGRAM PER LITRE AS MANGANESE

Test Name and Abbreviated Description	Description of Test	Units of Measure
NAUR SODIUM UNF. REAC.	SODIUM, UNFILTERED REACTIVE	MILLIGRAM PER LITRE AS SODIUM
NIUT NICKEL UNF. TOT.	NICKEL, UNFILTERED TOTAL	MILLIGRAM PER LITRE AS NICKEL
NNHTFR NH3-N TOTAL FIL. REAC.	AMMONIUM, TOTAL FILTERED REACTIVE	MILLIGRAM PER LITRE AS NITROGEN
NNKI TOTAL N	TOTAL NITROGEN: SUM OF NITRATE NITRITE AND KJELDAHL-NITROGEN	MILLIGRAM PER LITRE AS NITROGEN
NNKUR KJELDAHL ORGANIC UNF. REAC.	KJELDAHL-NITROGEN, ORGANIC UNFILTERED REACTIVE	MILLIGRAM PER LITRE
NNOTFR NO2+NO3N FIL. REACT.	NITRATES, TOTAL FILTERED REACTIVE	MILLIGRAM PER LITRE AS NITROGEN
NNOTUR NO1+NO3N UNF, REAC.	NITRATES, TOTAL UNFILTERED REACTIVE	MILLIGRAM PER LITRE AS NITROGEN
NNO2FR NO2-N FIL. REAC.	NITRITE, FILTERED REACTIVE	MILLIGRAM PER LITRE AS NITROGEN
NNTIFR INORG. N. TOTAL FIL. REAC.	NITROGEN, TOTAL INORGANIC FILTERED REACTIVE	MILLIGRAM PER LITRE
NNO2FR NO2-N FIL. REAC.	NITRATE, FILTERED REACTIVE	MILLIGRAM PER LITRE AS NITROGEN
NNO2HR NO2-N UNF. REAC.	NITRITE, UNFILTERED REACTIVE	MILLIGRAMS PER LITRE AS NITROGEN

Test Name and Abbreviated Description	Description of Test	Units of Measure
NN03FR NO3-N FILT. REAC.	NITRATE, FILTERED REACTIVE	MILLIGRAM PER LITRE AS NITROGEN
NN03HR NO3-N HNF. REAC.	NITRATE, UNFILTERED REACTIVE	MILLIGRAM PER LITRE
NNTKUR K'DAHL N TOTAL FIL. TOT.	NITROGEN, TOTAL KJELDAHL FIL. TOTAL	MILLIGRAM PER LITRE AS NITROGEN
PBUT LEAD UNF. TOT.	LEAD, UNFILTERED TOTAL	MILLIGRAM PER LITRE AS LEAD
pH	pH (-LOG H+CONC), LAB.	NEGATIVE LOGARITHM OF HYDROGEN ION CONCENTRATION
PHNOL PHENOLS UNF-REAC	PHENOLICS, UNFILTERED REACTIVE	MICROGRAM PER LITRE AS PHENOL
PP04FR P04 FIL. REAC.	PHOSPHATE, FILTERED REACTIVE	MILLIGRAM PER LITRE AS PHOSPHORUS
PP04UR P04 UNF. REAC.	PHOSPHATE, UNFILTERED REACTIVE	MILLIGRAMPER LITRE AS PHOSPHORUS
PPUT PHOSPHOR UNF. TOT.	PHOSPHORUS, UNFILTERED TOTAL	MILLIGRAM PER LITRE AS PHOSPHORUS
PSAMF PSEUDOMN AERUG, MF	PSEUDOMONAS, AERUGINOSA MEMBRANE FILTRATION TECHNIQUE	COUNTS PER 100 ML
P1PCRT PCB TOTAL	POLYCHLORINATED BIPHENOLS, TOTAL	MICROGRAM PER LITRE
P3245T 2,4,5-T	2,4,5-Trichlorophnoxyacetic	MICROGRAM PER LITRE

Test Name and Abbreviated Description	Description of Test	Units of Measure
RA226F RADIUM 226 FIL.	RADIUM-226, FILTERED	BECQUEREL PER LITRE
RA226T RADIUM 226TOT	RADIUM-226, TOTAL	BECQUEREL PER LITRE
RSF RESIDUE FILTERED	RESIDUE, FILTERED	MILLIGRAM PER LITRE
RSFRAD RESIDUE FILTERED RADIOLOG	RESIDUE, FILTERED RADIOLOGICAL FILTERED RADIOLOGICAL RESIDUE	MILLIGRAM PER LITRE
RSP RESIDUE PARTIC.	RESIDUE, PARTICULATE	MILLIGRAM PER LITRE
RSPRAD RESIDUE PARTIC. RADIOLOG	RESIDUE, PARTICULATE RADIOLOGICAL	MILLIGRAM PER LITRE
RST RESIDUE TOTAL	RESIDUE, TOTAL	MILLIGRAM PER LITRE
SAMPLE SAMPLE NUMBER	SAMPLE NUMBER, FIELD	NOT APPLICABLE
S103UR SILICATE UNF. REAC.	SILICATES, UNFILTERED REACTIVE	MILLIGRAM PER LITRE AS SILICON
SOLEXT SOLVENT EXTRACT.	SOLVENT EXTRACTABLES	MILLIGRAM PER LITRE
SSIDUR SULPHIDE UNF. REAC.	SULPHIDE, UNFILTERED REACTIVE	MILLIGRAM PER LITRE
SS04UR SULPHATE UNF. REAC.	SULPHATE, UNFILTERED REACTIVE	MILLIGRAM PER LITRE AS SULPHATE

Test Name and Abbreviated Description	Description of Test	Units of Measure
TCMF COLIFORM TOTAL MF	COLIFORM, TOTAL MEMBRANE FILTRATION TECHNIQUE	COUNTS PER 100 ML
TCMFBK COLIFORM TOTAL MF BCKGRD	COLIFORM, TOTAL MEMBRANE FILTRATION TECHNIQUE BACKGROUND	COUNTS PER 100 ML
TURB TURB'ITY	TURBIDITY	FORMAZIN TURBIDITY UNIT
UU238 URANIUM 238	URANIUM 238	MILLIGRAM PER LITRE
X3PCPH PENTACHL PHENOL	PENTACHLOROPHENOL	NANORGRAMS PEC LITRE
ZNUT ZINC UNF. TOT.	ZINC, UNFILTERED TOTAL	MILLIGRAM PER LITRE AS ZINC

OTHER ABBREVIATIONS

ARITH MEAN	arithmetic mean
AVE.	avenue
AVG OR GEOM MN	arithmetic mean or geometric mean (denoted by *)
BLVD.	boulevard
BR.	branch, bridge or brook
CORP.	corporation
CAN.	Canadian
C.N.R.	Canadian National Railway
CO.	county or company
CONC.	concession
C.P.R.	Canadian Pacific Railway
CR.	Creek
DR.	drive
FT.	feet
GEOM MEAN	geometric mean
HWY.	highway
JNT.	junction
L.	left
MG	milligram(s)
MG/L or mg/L	milligrams per litre
ML	millilitre(s)
N.	north
NG/L	nanogram(s) per litre
NO/OF SAMPLES	number of samples
PT.	part or point
Q.E.W.	Queen Elizabeth Way
R.	river or right
RD.	road
R.R.	railroad
RW.	railway
S.	south
STD DEV	standard deviation
S.T.P.	sewage treatment plant
TWP.	township
UG/L	micrograms per litre
W.P.C.P.	water pollution control plant
WW.	water-works

An "Exponent" is used to move the decimal point to the right when the result is greater than 7 digits or to the left if the result is measured to more than three decimal places.

EXPONENT = + 4	multiple result by	10,000
= + 3	" " "	1,000
= + 2	" " "	100
= + 1	" " "	10
= - 1	divide result by	10
= - 2	" " "	100
= - 3	" " "	1,000
= - 4	" " "	10,000

ANALYTICAL TECHNIQUES USED TO MEASURE WATER QUALITY

Microbiological Parameters

Analytical Technique

Total Coliforms	Membrane Filtration
Fecal Coliforms	Membrane Filtration
Fecal Streptococcus	Membrane Filtration
Pseudomonas Aerugenosa	Membrane Filtration
Background Count	Membrane Filtration

Chemical and Physical Parameters

Analytical Technique

Alkalinity	Auto* fixed endpoint titration
Ammonia-N (filtered total)	Auto modified Berthelot reaction
Arsenic	Flameless AAS**; colourimetry
Cadmium	AAS
Calcium	AAS; EDTA titrimetric
Carbon	Auto oxidation, colourimetry
Chloride	Auto potentiometric titration; Auto FeCNS
Chromium	AAS; colourimetry
Conductivity	25°C thermostated conductivity meter
Copper	AAS
Iron (total)	AAS; Auto TPTZ colourimetry
Lead	AAS
Magnesium	AAS; calculation from hardness, Ca
Manganese	AAS; Auto formal doxine colourimetry
Mercury	Flameless AAS
Nickel	AAS

Nitrate + Nitrite-N (filtered)	Auto hydrazine reduction-diazotization
Kjeldahl-N	Digest, Auto modified Berthelot reaction
Phosphate-P (filtered reactive)	Auto molybdenum blue-ascorbic acid
pH	Potentiometric-glass electrode
Phenolics-reactive	Auto distillation-4AAP
Phosphorus-total	Digest, Auto molybdenum blue-ascorbic acid
Phosphorus-filtered total	Digest, Auto molybdenum blue-ascorbic acid
Potassium	AAS
Selenium	Fluorimetry
Silicates-reactive	Auto molybdenum blue-ascorbic acid
Sodium	AAS
Solids-suspended	Gravimetric
Sulfate	Auto MTB colourimetry; Ion Chromatography
Turbidity	Nephelometry, formazin standard
Zinc	AAS

Radiochemical Parameters

Gross alpha	Nuclear disintegrations count from evaporated residues
Gross beta	Nuclear disintegrations count from evaporated residues
Radium-226	Diemination technique
Uranium-total	Fluorometric technique
Cesium 137	Gamma spectrometry
Cesium 134	Gamma spectrometry
Cobalt 60	Gamma spectrometry

Synthetic Organic Parameters

PCB	Solvent extraction, gas chromatography
2,4,5-T	Solvent extraction, gas chromatography
PCP	Solvent extraction, gas chromatography
	* Automated instrumentation
	** Atomic Absorption Spectrophotometry

GLOSSARY OF TERMS

Arithmetic Mean - The nth quotient of the summation of n observations. The equation for the arithmetic mean (\bar{X}) can be expressed as:

Detection Limit - The amount of analyte required to be present to ensure that when it is 'absent' it will not be reported as 'present'.

Geometric Mean - The nth root of the product of n observations. The equation for the geometric mean (G_x) can be expressed as:

$$G_x = \sqrt[n]{(X_1 \times X_2 \times \dots \times X_n)}$$

$$\text{or } G_x = \text{antilog} \left(\frac{\log X_1 + \log X_2 + \dots + \log X_n}{n} \right)$$

Standard Deviation - A measure of reproducibility that would be obtained if a sample were reanalyzed. It can be determined in one of two ways

a) a single sample is analyzed n times to obtain results X_1, X_2, \dots, X_n .
The average value is calculated $\bar{X} = \sum X/n$.

The deviations ($X_n - \bar{X}$) are used to calculate the standard deviation

$$s = \sqrt{\frac{\sum (X_n - \bar{X})^2}{(n - 1)}}$$

b) n samples are analyzed each in duplicate to obtain differences between results

$$(x_1 - x_2)_1 \text{ ----- } (x_1 - x_2)_n$$

These differences are used to calculate the standard deviation

$$s = \sqrt{(x_1 - x_2)_n^2 / 2n}$$

Both of these estimates of s are equally valid and can be used to predict the likelihood of finding a large difference between any two results, providing they were obtained under similar circumstances. On average, a single result will be within $\pm S$ of its average value in two out of three cases. It will be within $\pm 1.96 S$ of the average in 19 out of 20 times, i.e. 95% of the time. Therefore, the difference between any two single results will be within $\pm 1.96 \sqrt{2} S$ 95% of the time, where the $\sqrt{2}$ factor accounts for the variability in both results.

SELECTED REFERENCES

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- Ontario Ministry of Environment, Laboratory Services Branch, 1981. "Outlines of Analytical Methods, A Guide to the Occurrence, Significance, Sampling and Analytical of Chemical and Microbiological Parameters in Water, Sediment, Soil, Vegetation and Air."
- Ontario Ministry of Environment and Ministry of Natural Resources, 1981. "Guide to Eating Ontario Sport Fish, Great Lakes."
- Ontario Ministry of Environment and Ministry of Natural Resources, 1981. "Guide to Eating Ontario Sport Fish, Southern Ontario".
- Ontario Ministry of Environment and Ministry of Natural Resources, 1981. "Guide to Eating Ontario Sport Fish, Northern Ontario."
- Ontario Ministry of Environment, Water Resources Bulletins, Surface Water Series, "Selected Streamflow Data for Ontario."

6640g

LL/src/rmg

APPENDICES

Abbreviations and Remarks Used on Reports

Water Quality Data

Sampling Station Director (Alphabetical Index)

ABBREVIATIONS USED:

BTM GRAB	BOTTOM GRAB SAMPLE
CORE	BOTTOM CORE SAMPLE
CNT LOW	BACTERIA COUNT UNACCEPTABLE
DATA AVL	DATA NOT STORED IN THIS SYSTEM BUT IS AVAILABLE
DC	DEPTH COMPOSITE SAMPLE
DD	DAY
ET	END TIME
EXP	PRECIPITATING AT EXPOSURE (FOR PRECIP. SAMPLES)
GC	GAUGE DEPTH (FOR PRECIP. SAMPLES)
I	DEPTH INTERVAL (IN METERS) WHEN ASSOCIATED WITH DC TIME INTERVAL (IN HOURS) WHEN ASSOCIATED WITH TC
ID	INITIAL DATE (SET-UP DATE FOR PRECIP. SAMPLES)
IT	INITIAL TIME (SET-UP TIME FOR PRECIP. SAMPLES)
LAT	LATITUDE
LONG	LONGITUDE
LMT	LOCAL MEAN TIME
LO1	LOW VOLUME SEQUENTIAL SAMPLE
LO2	LOW VOLUME NUTECH SAMPLE
MM	MONTH
N	NUMBER OF SAMPLES (USED FOR DC, TC AND CORE SAMPLES)
DRY	PRECIPITATION SAMPLE (DRY ONLY)
WET	PRECIPITATION SAMPLE (WET ONLY)
BULK	PRECIPITATION SAMPLE (BULK)
GRND	PRECIPITATION SAMPLE (ON GROUND SNOW COURSE)
REM	PRECIPITATING AT REMOVAL (FOR PC SAMPLES 0,1,2,3)
SD	START DEPTH
ST	START TIME
SED CORE	SEDIMENT CORE SAMPLE (DEPTH FROM AND TO MEASURED IN CM)
SED GRAB	SEDIMENT GRAB SAMPLE (DEPTH FROM AND TO MEASURED IN CM)
WLE	WATER LAYER - WHOLE LAKE COMPOSITE
EPI	WATER LAYER - EPIIMNION ZONE
MET	WATER LAYER - METALIMNION ZONE
HYP	WATER LAYER - HYPOLIMNION ZONE
EUP	WATER LAYER - EUPHOTIC ZONE
GEN	WATER LAYER - GENERAL LAYER
TC	TIME COMPOSITE SAMPLE
TNTC	BACTERIA TOO NUMEROUS TO COUNT
V	VOLUME WHEN ASSOCIATED WITH LO1 AND LO2 SAMPLES
YY	YEAR

NOTE:

ONE SAMPLE DESIGNATES DATA ASSOCIATED WITH A LOCATION AT ONE POINT IN TIME

INDIVIDUAL TEST VALUES MAY BE QUALIFIED BY ONE OF THE FOLLOWING REMARKS:

REMARK	MEANING OF REMARK	COMMENT CODE
<	ACTUAL RESULT < THAN REPORTED VALUE	PE
<=>	APPROXIMATE RESULT	
<E	NO RESP.: (EXCESS DIL'N) MIN. VALUE	PE
<N	NON-DETECTED	PE
<R	DETECT LIMIT REPORT: VALUE < LIMIT	PE
<S	TRACE RESP.: < THAN VALUE REPORTED	PE
<T	LOW VALUE TENTATIVE: FOR INFO ONLY	PT
<W	0 VALUE IS MIN. MEASURABLE AMOUNT	PT
>	ACTUAL RESULT > THAN REPORTED VALUE	PE
>SF	ACTUAL MASS > SIZED FIBRE MASS	PE
A>	APROX RSLT: EXCEED NORMAL RNGE LIMIT	
AID	APPROX VALUE: INSUFFICIENT DILUTION	
C	BACKGROUND COUNT TO NUMEROUS	
CRO	CALCULATED RESULT ONLY	
DCC	SAMPLE KNOWN TO CONTAIN CARCINOGENS	
DCN	SAMPLE KNOWN TO CONTAIN CYANIDE	
DCP	DANGEROUS CONSTITUENTS PRESENT	
E	ESTIMATED OR COMPUTED VALUE STORED	
EDC	EXCEEDS 1978 DRINK WATER QUAL CRIT	
FAN	FRACTION ANALY: NON-AQUEOUS PHASE	
FAP	FRACTION ANALY: PARTICULATE ONLY	
FAQ	FRACTION ANALY: AQUEOUS PHASE ONLY	
M	MANUALLY ANALYSED	
NTR	NO TIME RECORDED: ANAYL. PERFORMED	
PFS	TEST PERFORMED ON PREV FROZEN SAMP	
PHA	PH ADJUSTED BEFORE ANALYSIS	

INDIVIDUAL TEST VALUES MAY BE QUALIFIED BY ONE OF THE FOLLOWING REMARKS:

REMARK	MEANING OF REMARK	COMMENT CODE
PNS	TEST PERFORMED ON UNPRESERVE SAMPLE	
PPS	TEST PERFORMED ON PRESEVERED SAMPLE	
P21	PCB RESEMBLED AROCLOR 1221	
P24	RESEMBLED MIX: AROCLOR 1242 AN 1254	
P28	RESEMBLED MIX: AROCLOR 1242 AN 1248	
P40	RESEMBLED MIX: AROCLOR 1254 AN 1260	
P42	PCB RESEMBLED AROCLOR 1242	
P48	PCB RESEMBLED AROCLOR 1248	
P54	PCB RESEMBLED AROCLOR 1254	
P60	PCB RESEMBLED AROCLOR 1260	
P80	RESEMBLED MIX: AROCLOR 1248 AN 1260	
P84	RESEMBLED MIX: AROCLOR 1248 AN 1254	
SPL	SEVERAL PEAKS,LARGE,NOT PRIORITY	
SPS	SEVERAL PEAKS,SMALL,NOT PRIORITY	
U	UNRELIABLE RESULT	
URD	RESULT MAY BE LOW: UNDISOLVE PART.	
24P	P-A BOTTLE POSITIVE AFTER 24 HOURS	
48P	P-A BOTTLE POSITIVE AFTER 48 HOURS	
72P	P-A BOTTLE POSITIVE AFTER 72 HOURS	
96P	P-A BOTTLE POSITIVE AFTER 96 HOURS	
99P	P-A BOTTLE POSITIVE AFTER 120 HOURS	

COMPUTED VALUES MAY BE QUALIFIED BY ONE OF THE FOLLOWING REMARKS:

<A VALUE WITH A REMARK WHICH HAS A
 COMMENT CODE OF PT (AS ABOVE) USED IN
 COMPUTATIONS

NOTE: VALUES WITH COMMENT CODE OF PE
 ARE NOT USED IN COMPUTATIONS

REMARK CODES APPEAR TO THE RIGHT OF THE VALUE I.E. 435.56<T

WATER QUALITY DATA

1982

B.O.W./ SITE: BOYNE RIVER

SAMPLE POINT: 1ST.BR.ON HIGHWAY 24 N.OF HIGHWAY 10

STATION TYPE: RIVER

STATION ID: 03-0057-011-02

MAJOR BASIN: GREAT LAKES

MINOR BASIN: LAKE HURON

TERM STREAM: NOTTAWASAGA RIVER

STORET CODE: 02

002

2470

LAT: 44 05 06.27 LONG: 080 11 22.88

U T M: 17 0564875.0 4881425.0 4

REGION: 02

DISTANCE: 122.468

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	ALUT	BOD5	CLIDUR	COD	COND25	CUUT	DO
				ALK	ALUMINUM	BOD	CHLORIDE	CHEM. OX	CONDUCT.	COPPER	DISSOLVED
				TOTAL	UNF.TOT.	5 DAY	UNF.REAC	DEMAND	25C	UNF.TOT.	OXYGEN
SAMPLE		SAMPLE	PROJECT	MG/L	MG/L	TOT.DEM.	MG/L	MG/L	UMHO/CM	MG/L	MG/L
DATE	HOUR	DEPTH	SUB-PROJ	AS CAC03	AS AL	AS O	AS CL	AS O	AT 25 C	AS CU	AS O
YYMMDD	LMT	NUMBER	CODE								
820113	1310	48337	0101	295	0.910	2.6	104.00	31	1010	0.013	10.80
820309	1245	48432	0101	335	2.800U		176.00	74	1335.0	0.024U	11.80
820414	1235	48489	0101	215	0.790	1.4	40.50	20	580	0.014	10.80
820505	1205	48555	0101	183.2	0.053	1.06	107.50	28	1008.0	0.007	15.20
820608	1315	48610	0101	265.9	0.140	0.62	105.00	24	948.0	0.015	10.00
820706	1540	48672	0101	245.9	0.160	0.58	121.00	18	996.0	0.012	12.20
820804	1140	48704	0101	215.2	0.130	0.80	99.00	22	852.0	0.026	5.90
820913	1325	48797	0101	214.4	0.075	0.41<T	113.00	16	1080.0	0.013	8.90
821012	1150	48860	0101	193.3	0.047	0.48	84.50	15.2	1080.0	0.010	9.10
821109	1120	48915	0101	283.2	0.091	0.70	87.50		993.0	0.015	10.70
821214	1125	48974	0101	289.9	0.300	0.78	122.00	23.0	1104.0	0.016	10.40
MAXIMUM		0.30		335	2.800	2.6	176.00	74	1335.0	0.026	15.20
ARITH MEAN		0.30		249	0.500	0.9 <A	105.45	27	999	0.015	10.53
GEOM MEAN				244	0.207	0.8 <A	100.20	24	981	0.014	10.28
MINIMUM		0.30		183.2	0.047	0.41	40.50	15.2	580	0.007	5.90
STD DEV (GEOM *)				49	0.820	0.7 <A	32.52	17	184	0.006	2.30
# SAMP IN STATISTICS		11		11	11	10	11	10	11	11	11
% SAMP (EXCLUDED)											

*=INTERIM TEST-NAME:		FCMF	FEUT	FSMF	FWPH	FWSTRC	FWTEMP	NNHTFR	NNOTFR	NNO2FR	NNO3FR	
		FECAL	IRON	FECAL				NH3-N				
		COLIFORM	UNF.TOT.	STREPCUS				TOTAL	NO2+NO3N	NO2-N	NO3-N	
SAMPLE		MF	MG/L	MF	PH	STREAM	WATER	FIL.REAC	FIL.REAC	FIL.REAC	FIL.REAC	
DATE	HOUR	CNT	AS FE	CNT	FIELD	COND.	TEMP	MG/L	MG/L	MG/L	MG/L	
YYMMDD	LMT	/100ML		/100ML			DEG.C	AS N	AS N	AS N	AS N	
820113	1310	48337	10<=>	0.29	20<=>	7.25	4	2.0	2.850	8.500	6.800	1.700
820309	1245	48432	4<	0.500	8		4	3.0	13.500	2.350	1.000	1.350
820414	1235	48489	30<=>	0.910	80<=>		3	6.0	0.094	2.650	0.0070	2.645
820505	1205	48555	20<=>	0.190	70<=>	7.40	8	11.0	0.006	8.100	0.1700	7.930
820608	1315	48610	32	0.215	212	7.70	8	15.5	0.076	6.250	0.1580	6.090
820706	1540	48672	150	0.110	150	7.60	8	21.0	0.002<T	7.500	0.1950	7.300
820804	1140	48704	740	0.110	1500>	7.60	8	17.0	0.062	7.750	0.0650	7.680
820913	1325	48797	160	0.050	150	7.80	8	20.5	0.128	4.750	0.0345	4.720
821012	1150	48860	60<=>	0.050	50<=>	7.45	8	12.5	0.040	14.750	0.0270	14.720
821109	1120	48915	40<=>	0.125	20<=>	7.70	7	7.0	0.082	9.000	0.0160	8.98
821214	1125	48974	10<	0.245	10<	7.85	8	3.0	0.008	12.000	0.1500	11.850

(CONTD)

B.O.W./ SITE: BOYNE RIVER
 SAMPLE POINT: 1ST.BR.ON HIGHWAY 24 N.OF HIGHWAY 10
 STATION TYPE: RIVER

STATION ID: 03-0057-011-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: NOTTAWASAGA RIVER

STORET CODE: 02
 002
 2470

LAT: 44 05 06.27 LONG: 080 11 22.88 U T M: 17 0564875.0 4881425.0 4 REGION: 02 DISTANCE: 122.468

*INTERIM TEST-NAME:		FCMF FECAL COLIFORM	FEUT IRON UNF.TOT.	FSMF FECAL STREPCUS	FWPH	FWSTRC	FWTEMP	NNHTFR NH3-N TOTAL	NNOTFR NO2+NO3N	NNO2FR NO2-N	NNO3FR NO3-N	
SAMPLE DATE	HOUR YYMMDD LMT	SAMPLE NUMBER	MF CNT /100ML	MG/L AS FE	MF CNT /100ML	PH FIELD	STREAM COND.	WATER TEMP DEG.C	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	
MAXIMUM		740	0.910	212	7.85			21.0	13.500	14.750	6.800	14.720
ARITH MEAN		138	0.25	84	7.59			10.8	1.532<A	7.600	0.784	6.81
GEOM MEAN			0.18		7.59			8.2	0.078<A	6.678	0.112	5.43
MINIMUM		10	0.050	8	7.25			2.0	0.002	2.350	0.0070	1.350
STD DEV (GEOM *)			0.25		0.20			7.1	4.057<A	3.682	2.015	4.16
# SAMP IN STATISTICS		9	11	9	9			11	11	11	11	11
% SAMP (EXCLUDED)		18		18								

*INTERIM TEST-NAME:		NNTKUR K'DAHL N TOTAL	PBUT LEAD UNF.TOT.	PH	PHNOL PHENOLS UNF-REAC	PP04FR P04 FIL.REAC	PPUT PHOSPHOR UNF.TOT.	RSF RESIDUE FILTERED	RSP RESIDUE PARTIC.	TCMF COLIFORM TOTAL	TCMFBK COLIFORM TOTAL MF BCKGRD	
SAMPLE DATE	HOUR YYMMDD LMT	SAMPLE NUMBER	MG/L AS N	MG/L AS PB	PH	MG/L AS P	MG/L AS P	MG/L	MG/L	CNT /100ML	CNT /100ML	
820113	1310	48337	4.62	0.003<	7.92	1 <T	0.265	2.100	600	19.6	620	1100
820309	1245	48432	18.80	0.003<	7.68	1	0.4000	2.000	702.0	34.600	4	40
820414	1235	48489	1.75	0.003<	8.11	1 <T	0.0805	0.183	365.0	0.790	460<=>	3400
820505	1205	48555	1.30	0.003<	8.08	0.2<W	0.2400	0.380	630.0	6.040	140<=>	3200
820608	1315	48610	0.87	0.004	8.06	0.2<W	0.1900	0.280	638.0	4.260	17000	22000
820706	1540	48672	0.55	0.003<	8.38	0.2<T	0.2500	0.300	667.0	2.150	14000	65000
820804	1140	48704	0.71	0.037	7.93	-0.4<T	0.1350	0.160	556.0	2.360	9500<=>	46000
820913	1325	48797	0.62	0.004	8.04	1.2	0.1400	0.395	743.0	2.040	6200<=>	102000
821012	1150	48860	0.41	0.006	8.05	0.4<T		0.195	748.0	2.010	1500	11000
821109	1120	48915	0.600	0.007	7.89	0.2<W	0.1150	0.129	643.0	2.200	320<=>	12200
821214	1125	48974	0.430	0.007	8.01	0.2<T	0.1350	0.265	771.0	8.890	40<=>	1500
MAXIMUM		18.80	0.037	8.38	1.2	0.4000	2.100	771.0	34.600	17000	102000	
ARITH MEAN		2.79	0.011	8.01	0 <A	0.195	0.581	642	7.7	4526	24313	
GEOM MEAN		1.14		8.01		0.176	0.352	631	4.1	751	6324	
MINIMUM		0.41	0.004	7.68	-0.4	0.0805	0.129	365.0	0.790	4	40	
STD DEV (GEOM *)		5.45		0.17		0.095	0.732	113	10.4	14*	10*	
# SAMP IN STATISTICS		11	6	11	11	10	11	11	11	11	11	
% SAMP (EXCLUDED)			45									

(CONT'D)

B.O.W./ SITE: BOYNE RIVER
SAMPLE POINT: 1ST.BR.ON HIGHWAY 24 N.OF HIGHWAY 10
STATION TYPE: RIVER

STATION ID: 03-0057-011-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: NOTTAWASAGA RIVER

STORET CODE: 02
002
2470

LAT: 44 05 06.27 LONG: 080 11 22.88 U T M: 17 0564875.0 4881425.0 4 REGION: 02 DISTANCE: 122.468

*=INTERIM TEST-NAME:		TURB	ZNUT
			ZINC
SAMPLE			UNF.TOT.
DATE	HR	SAMPLE	TURB'ITY
YYMMDD	LMT	NUMBER	FTU
			MG/L
			AS ZN
820113	1310	48337	10.90
820309	1245	48432	30.00
820414	1235	48489	22.00
820505	1205	48555	4.00
820608	1315	48610	2.60
820706	1540	48672	1.58
820804	1140	48704	1.68
820913	1325	48797	0.94
821012	1150	48860	0.67
821109	1120	48915	2.20
821214	1125	48974	5.40
MAXIMUM		30.00	0.052
ARITH MEAN		7.45	0.022
GEOM MEAN		3.64	0.020
MINIMUM		0.67	0.007
STD DEV (GEOM *)		9.77	0.012
# SAMP IN STATISTICS		11	11
% SAMP (EXCLUDED)			

B.O.W./ SITE: BOYNE RIVER
 SAMPLE POINT: 1ST.CONC.E.OF HWY.24 N.OF HWY 10
 STATION TYPE: RIVER

STATION ID: 03-0057-012-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: NOTTAWASAGA RIVER

STORET CODE: 02
 002
 2470

LAT: 44 06 26.18 LONG: 080 10 39.06

U T M: 17 0565825.0 4883900.0 4

REGION: 02

DISTANCE: 118.605

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	CAUR	CDUT	CLIDUR	COD	COND25	CRUT	CUUT
				ALK	CALCIUM	CADMIUM	CHLORIDE	CHEM. OX	CONDUCT.	CHROMIUM	COPPER
				TOTAL	UNF.REAC	UNF.TOT.	UNF.REAC	DEMAND	25C	UNF.TOT.	UNF.TOT.
SAMPLE		SAMPLE	PROJECT	MG/L	MG/L	MG/L	MG/L	MG/L	UMHO/CM	MG/L	MG/L
DATE	HOUR	DEPTH	SUB-PROJ	AS CAC03	AS CA	AS CD	AS CL	AS O	AT 25 C	AS CR	AS CU
YYMMDD	LMT	NUMBER	CODE								
820113	1300	48336	0101	269			26.50	4	620		0.004
820210	1230	48381	0101	262			27.50	2	620		0.005
820309	1230	48431	0101	257.0			34.00	22	660		0.012
820414	1215	48488	0101	168			10.50	20	375		0.008
820505	1200	48554	0101	188.7			21.20	8	512.0		0.094
820608	1305	48609	0101	255.7			24.60	26	553.0		0.010
820706	1530	48671	0101	242.5	73.5	0.0002	30.60	26	555.0	0.001	0.009
820804	1130	48703	0101	242.4			39.80	24	596.0		0.012
820913	1320	48796	0101	219.2			44.50	20	588.0		0.007
821012	1140	48859	0101	249.7			37.30	22.0	610.0		0.006
821109	1110	48914	0101	249.6			25.20	21.5	589.0		0.007
821214	1115	48973	0101	258.6			25.20	16.8	592.0		0.008
MAXIMUM		0.30		269	73.5	0.0002	44.50	26	660	0.001	0.094
ARITH MEAN		0.30		239	73.5	0.0002	28.91	18	572	0.001	0.015
GEOM MEAN				236			27.34	14	567		0.009
MINIMUM		0.30		168	73.5	0.0002	10.50	2	375	0.001	0.004
STD DEV (GEOM *)				31			9.11	8	73		0.025
# SAMP IN STATISTICS		12		12	1	1	12	12	12	1	12
% SAMP (EXCLUDED)											

*=INTERIM TEST-NAME:		DO	DOC	FCMF	FSMF	FVPH	FWSTRC	FWTEMP	HARDT	MGUR	NIUT
			CARBON	FECAL	FECAL						
		DISOLVED	DISOLVED	COLIFORM	STREPCUS				HARDNESS	MAGNESIM	NICKEL
		OXYGEN	ORGANIC	MF	MF			WATER	TOTAL	FIL.REAC	UNF.TOT.
SAMPLE		MG/L	MG/L	CNT	CNT	PH	STREAM	TEMP	MG/L	MG/L	MG/L
DATE	HOUR	AS O	AS C	/100ML	/100ML	FIELD	COND.	DEG.C	AS CAC03	AS MG	AS NI
YYMMDD	LMT										
820113	1300	48336	10.60	5.0	10<	20<=>	7.45	4	2.0		
820210	1230	48381	12.40	4.3	10<	10<		4	1.5		
820309	1230	48431	12.50	6.4	10<	10<		4	3.0		
820414	1215	48488	12.20	5.5	10<	10<		3	3.5		
820505	1200	48554	13.60	5.7	30<=>	30<=>	7.70	8	11.0		
820608	1305	48609	8.90	7.4	176	140	8.10	8	16.0		
820706	1530	48671	14.40	7.5	190	320	8.00	8	25.0	264.0	0.001<
820804	1130	48703	7.00	7.0	440	900	8.10	8	17.5		
820913	1320	48796	10.80	6.2	44	40	8.55	8	22.0		
821012	1140	48859	9.80	6.7	50<=>	170	7.90	8	11.0		
821109	1110	48914	11.20	7.9	10<=>	40<=>	7.90	8	5.0		
821214	1115	48973	11.70	5.1	10<	10<	8.05	8	1.0		

(C O N T D)

B.O.W./ SITE: BOYNE RIVER
 SAMPLE POINT: 1ST.CONC.E.OF HWY.24 N.OF HWY 10
 STATION TYPE: RIVER

STATION ID: 03-0057-012-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: NOTTAWASAGA RIVER

STORET CODE: 02
 002
 2470

LAT: 44 06 26.18 LONG: 080 10 39.06 U T M: 17 0565825.0 4883900.0 4 REGION: 02 DISTANCE: 118.605

*=INTERIM TEST-NAME:		DO	DOC	FCMF	FSMF	FwPH	FwSTRC	FwTEMP	HARDT	MGUR	NIUT
		DISOLVED	CARBON	FECAL	FECAL				HARDNESS	MAGNESIM	NICKEL
		OXYGEN	DISOLVED	COLIFORM	STREPCUS			WATER	TOTAL	FIL.REAC	UNF.TOT.
SAMPLE		MG/L	ORGANIC	MF	MF	PH	STREAM	TEMP	MG/L	MG/L	MG/L
DATE	HOUR	AS O	AS C	CNT	CNT	FIELD	COND.	DEG.C	AS. CAC03	AS MG	AS NI
YYMMDD	LMT	SAMPLE	NUMBER								
		MAXIMUM	14.40	7.9	440	900	8.55	25.0	264.0	19.60	
		ARITH MEAN	11.26	6.2	134	207	7.97	9.9	264.0	19.60	
		GEOM MEAN	11.07	6.1			7.97	6.2			
		MINIMUM	7.00	4.3	10	20	7.45	1.0	264.0	19.60	
		STD DEV (GEOM *)	2.04	1.1			0.30	8.5			
		# SAMP IN STATISTICS	12	12	7	8	9	12	1	1	
		% SAMP (EXCLUDED)			41	33					

*=INTERIM TEST-NAME:		NNHTFR	NNOTFR	NN02FR	NN03FR	NNTKUR	PBUT	PH	PHNOL	PP04FR	PPUT	
		NH3-N				K'DAHL N						
		TOTAL	NO2+NO3N	NO2-N	NO3-N	TOTAL	LEAD		PHENOLS	P04	PHOSPHOR	
		FIL.REAC	FIL.REAC	FIL.REAC	FIL.REAC	FIL.TOT.	UNF.TOT.		UNF-REAC	FIL.REAC	UNF.TOT.	
SAMPLE		MG/L	MG/L	MG/L	MG/L	MG/L	MG/L		UG/L	MG/L	MG/L	
DATE	HOUR	AS N	AS N	AS N	AS N	AS N	AS PB	PH	PHENOL	AS P	AS P	
YYMMDD	LMT	SAMPLE	NUMBER									
820113	1300	48336	0.282	2.350	0.375	1.970	0.86	0.003<	8.07	1 <T	0.027	0.036
820210	1230	48381	1.240	1.950	0.034	1.920	1.74	0.003<	8.19	1 <T	0.027	0.040
820309	1230	48431	0.006	3.650	0.006	3.740	1.94	0.003<	8.18	1.0<T	0.062	0.100
820414	1215	48488	0.004<T	0.900	0.0755	0.825	0.58	0.003<	8.29	1 <T	0.0110	0.038
820505	1200	48554	0.004<T	1.400	0.0320	1.370	0.53	0.003<	8.35	0.2<W	0.0110	0.055
820608	1305	48609	0.004<T	0.895	0.0630	0.830	0.60	0.003<	8.32	0.2<W	0.0160	0.039
820706	1530	48671	0.006	0.950	0.0710	0.880	0.70	0.004	8.44	0.2<T	0.0135	0.045
820804	1130	48703	0.004<T	1.650	0.0355	1.610	0.91	0.005	8.24	-0.6<T	0.0060	0.065
820913	1320	48796	0.040	2.050	0.0680	1.980	0.68	0.004	8.32	0.6<T	0.0065	0.027
821012	1140	48859	0.002<W	1.450	0.0420	1.410	0.71	0.003<	8.35	0.4<T		0.031
821109	1110	48914	0.004<T	0.950	0.0365	0.914	0.470	0.003<	8.05	0.2<W	0.0120	0.019
821214	1115	48973	0.004<T	2.550	0.0010<T	2.550	0.410	0.003<	8.31	0.2<T	0.0060	0.016
		MAXIMUM	1.240	3.650	0.375	3.740	1.94	0.005	8.44	1	0.062	0.100
		ARITH MEAN	0.133<A	1.729	0.070 <A	1.667	0.84	0.004	8.26	0 <A	0.018	0.043
		GEOM MEAN	0.011<A	1.563	0.035 <A	1.493	0.75		8.26		0.014	0.038
		MINIMUM	0.002	0.895	0.0010	0.825	0.410	0.004	8.05	-0.6	0.0060	0.016
		STD DEV (GEOM *)	0.357<A	0.836	0.099 <A	0.857	0.49		0.12		0.016	0.023
		# SAMP IN STATISTICS	12	12	12	12	12	3	12	12	11	12
		% SAMP (EXCLUDED)						75				

(C O N T D)

B.O.W./ SITE: BOYNE RIVER

STATION ID: 03-0057-012-02

SAMPLE POINT: 1ST.CONC.E.OF HWY.24 N.OF HWY 10

STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES

STORET CODE: 02

MINOR BASIN: LAKE HURON

002

TERM STREAM: NOTTAWASAGA RIVER

2470

LAT: 44 06 26.18 LONG: 080 10 39.06 U T M: 17 0565825.0 4883900.0 4 REGION: 02 DISTANCE: 118.605

*=INTERIM TEST-NAME:		RSF	RSP	SS04UR	TCMF	TCMFBK	TURB	ZNUT
					COLIFORM	COLIFORM		
					TOTAL	TOTAL MF		ZINC
SAMPLE		RESIDUE	RESIDUE	SULPHATE	MF	BCKGRD		UNF.TOT.
DATE	HR	FILTERED	PARTIC.	UNF.REAC	CNT	CNT	TURB'ITY	MG/L
YYMMDD	LMT	MG/L	MG/L	MG/L	/100ML	/100ML	FTU	AS ZN
				AS S04				
820113	1300	48336	374		300	2300	0.91	0.003
820210	1230	48381	378		100<=>	500	0.87	0.007
820309	1230	48431	374		60<=>	220	1.24	0.007
820414	1215	48488	244.0		230	1900	5.70	0.009
820505	1200	48554	320.0		250<=>	11000	1.57	0.002
820608	1305	48609	341.0		1800	21000	2.90	0.004
820706	1530	48671	359.0	20.4	1400	21000	1.87	0.005
820804	1130	48703	380.0		2900<=>	52000	2.40	0.008
820913	1320	48796	376.0		340<=>	17600	1.98	0.001<
821012	1140	48859	408.0		1800	9000	1.14	0.004
821109	1110	48914	378.0		220	3800	1.24	0.001<
821214	1115	48973	421.0		260	1200	1.70	0.002
MAXIMUM		421.0	8.270	20.4	2900	52000	5.70	0.009
ARITH MEAN		363	3.9	20.4	805	11793	1.96	0.005
GEOM MEAN		360	3.3		416	4591	1.69	
MINIMUM		244.0	1.670	20.4	60	220	0.87	0.002
STD DEV (GEOM *)		46	2.6		3*	5*	1.32	
# SAMP IN STATISTICS		12	12	1	12	12	12	10
% SAMP (EXCLUDED)								16

B.O.W./ SITE: WELLAND SHIP CANAL
 SAMPLE POINT: AT WEIR DOWNSTREAM FROM LAKESHORE ROAD
 STATION TYPE: RIVER

STATION ID: 06-0014-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: WELLAND SHIP CANAL

STORET CODE: 02
 004
 5170

LAT: 43 13 22.10 LONG: 079 12 51.62 U T M: 17 0645025.0 4786890.0 4 REGION: 02 DISTANCE: 3.219

*INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	ALUT	ASUT	CDUT	CLIDUR	COND25	CRUT	CUUT
SAMPLE DATE	HR	SAMPLE	PROJECT	ALK	ALUMINUM	ARSENIC	CADMIUM	CHLORIDE	CONDUCT.	CHROMIUM	COPPER
YYMMDD	LMT	NUMBER	SUB-PROJ CODE	TOTAL MG/L AS CAC03	UNF.TOT. MG/L AS AL	UNF.TOT. MG/L AS AS	UNF.TOT. MG/L AS CD	UNF.REAC MG/L AS CL	25C UMHO/CM AT 25 C	UNF.TOT. MG/L AS CR	UNF.TOT. MG/L AS CU
820318	1000	48452	0101							0.005U	
820401	1045	48475	0101							0.006	
820407	1050	48479	0101	102	2.000	0.001<	0.0003	24.00	350	0.006	0.015
820415	1345	48498	0101							0.008	
820422	1250	48512	0101							0.003	
820429	1110	48540	0101							0.002<	
	1415	48545	0101								
820505	1130	48558	0101	96.5	0.910	0.001<	0.0003	19.40	305.0	0.003	0.006
820513	1305	48575	0101							0.010	
820520	1410	48591	0101							0.001<	
820527	0740	48602	0101							0.001<	
820622	1440	48619	0101	97.4	0.600	0.001	0.0002	19.00	302.0	0.004	0.010
820629	1305	48647	0101							0.001<	
820706	1450	48664	0101	97.7	0.580	0.001<	0.0002<	19.50	301.0	0.002	0.007
820721	1235	48700	0101							0.002	
820809	1345	48717	0101	99.1	0.430	0.001<	0.0002<	19.20	301.0	0.001<	0.002
820830	1130	48753	0101							0.002	
820902	1340	48806	0101	99.1	0.230	0.001<	0.0004	18.10	297.0	0.001<	0.003
820909	1445	48834	0101							0.002	
821005	1320	48847	0101	99.5	0.650	0.001<	0.0002<	17.40	298.0	0.003	0.006
821028	1210	48896	0101								
821104	1305	48907	0101	98.1	0.710	0.001	0.0003	17.80	299.0	0.002	0.005
821209	1415	48971	0101	103.5	0.980	0.001	0.0002<	18.90	316.0	0.002	0.006
		MAXIMUM	0.30	103.5	2.000	0.001	0.0004	24.00	350	0.010	0.015
		ARITH MEAN	0.30	99	0.788	0.001	0.0003	19.26	308	0.004	0.007
		GEOM MEAN		99	0.673			19.18	307		0.006
		MINIMUM	0.30	96.5	0.230	0.001	0.0002	17.40	297.0	0.002	0.002
		STD DEV (GEOM *)		2	0.508			1.93	17		0.004
		# SAMP IN STATISTICS	23	9	9	3	5	9	9	15	9
		% SAMP (EXCLUDED)				66	44			28	

(C O N T D)

B.O.W./ SITE: WELLAND SHIP CANAL
 SAMPLE POINT: AT WEIR DOWNSTREAM FROM LAKESHORE ROAD
 STATION TYPE: RIVER

STATION ID: 06-0014-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: WELLAND SHIP CANAL

STORET CODE: 02
 004
 5170

LAT: 43 13 22.10 LONG: 079 12 51.62 U T M: 17 0645025.0 4786890.0 4 REGION: 02 DISTANCE: 3.219

*INTERIM TEST-NAME:		DO	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWPH PH FIELD	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	HGUT MERCURY UNF.TOT. UG/L AS HG	HGUT MERCURY UNF.TOT. UG/G DRY AS HG	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	DISOLVED OXYGEN MG/L AS O								
820318	1000	48452	14.10		7.10	3 9	1.5	0.02<			
820401	1045	48475	13.80		8.20	3	4.0	0.05<			
820407	1050	48479	13.50	60<=>	7.95	3	3.0	0.04<		0.004	0.475
820415	1345	48498	14.20		7.65	3	4.0	0.05<			
820422	1250	48512	13.60		6.90	3	6.0	0.05<			
820429	1110	48540	14.90		7.30	3	5.0	0.04<			
	1415	48545							0.06		
820505	1130	48558	18.00	10<=>	7.00	8	7.0	0.04<		0.014	0.530
820513	1305	48575	15.00		7.00	8	8.5	0.04<			
820520	1410	48591	13.90			8	10.0	0.05<			
820527	0740	48602				8		0.05			
820622	1440	48619	14.9	10<=>	8.05	8	16.0	0.03<		0.002<T	0.335
820629	1305	48647	13.20		8.05	8	17.0	0.02<			
820706	1450	48664	12.60	10<=>	7.85	8	21.0	0.04<		0.004<T	0.300
820721	1235	48700	8.00		8.00	8	23.0	0.04			
820809	1345	48717	7.90	30<=>	7.95	8	24.0	0.03<		0.028	0.305
820830	1130	48753	9.00		7.80	8	20.0	0.04<			
820902	1340	48806	9.40	40<=>	8.05	8	20.5	0.02<		0.028	0.210
820909	1445	48834	9.40		8.05	8	21.5	0.04<			
821005	1320	48847	9.80	40<=>	7.50	8	18.5			0.004<T	0.125
821028	1210	48896							0.03		
821104	1305	48907	11.50	100	7.75	8	12.5	0.03<		0.006	0.275
821209	1415	48971	12.00	40<=>	8.20	8	6.0	0.02<		0.004<T	0.440
		MAXIMUM	18.00	100	8.20		24.0	0.05	0.06	0.028	0.530
		ARITH MEAN	12.4	38	7.70		12.4	0.04	0.04	0.010<A	0.333
		GEOM MEAN	12.1	28	7.69		9.7		0.04	0.007<A	0.307
		MINIMUM	7.90	10	6.90		1.5	0.04	0.03	0.002	0.125
		STD DEV (GEOM *)	2.7	2*	0.44		7.7		0.02	0.011<A	0.129
		# SAMP IN STATISTICS	20	9	19		20	2	2	9	9
		% SAMP (EXCLUDED)			44			90			

(C O N T D)

B.O.W./ SITE: WELLAND SHIP CANAL
 SAMPLE POINT: AT WEIR DOWNSTREAM FROM LAKESHORE ROAD
 STATION TYPE: RIVER

STATION ID: 06-0014-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: WELLAND SHIP CANAL

STORET CODE: 02
 004
 5170

LAT: 43 13 22.10 LONG: 079 12 51.62

U T M: 17 0645025.0 4786890.0 4

REGION: 02

DISTANCE: 3.219

*=INTERIM	TEST-NAME:	NN02FR	NN03FR	NNTKUR K'DAHL N TOTAL	PBUT	PH	PHNOL	PP04FR	PPUT	P1ALDR	P1ALDR
SAMPLE DATE YYMMDD	HOURL LMT	SAMPLE NUMBER	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	FIL.TOT. MG/L AS N	LEAD UNF.TOT. MG/L AS PB	PHENOLS UNF-REAC UG/L PHENOL	P04 FIL.REAC MG/L AS P	PHOSPHOR UNF.TOT. MG/L AS P	ALDRIN NG/L	ALDRIN NG/G DRY
820318	1000	48452				0.003<			0.053		
820401	1045	48475				0.003<			0.093		
820407	1050	48479	0.0035	0.470	0.40	0.003<	7.73	2	0.0120	0.073	
820415	1345	48498				0.004			0.072		
820422	1250	48512				0.004			0.063		
820429	1110	48540				0.003<			0.068	1<W	
820505	1130	48558	0.0100	0.520	0.35	0.003<	8.13	0.4<T	0.0160	0.063	
820513	1305	48575				0.016			0.048		
820520	1410	48591				0.003<			0.060		
820527	0740	48602				0.003<			0.040		
820622	1440	48619	0.0120	0.325	0.43	0.003<	8.28	2.0	0.0090	0.028	
820629	1305	48647				0.003<			0.058		
820706	1450	48664	0.0150	0.285	0.40	0.003<	8.22	0.2<T	0.0050	0.043	
820721	1235	48700				0.005			0.031		
820809	1345	48717	0.0490	0.255	0.28	0.003<	8.35	0.2<W	0.0280	0.050	
820830	1130	48753				0.003<			0.019		
820902	1340	48806	0.0260	0.184	0.31	0.010	8.32	0.2<T	0.0030	0.033	
320909	1445	48834				0.005			0.016		
821005	1320	48847	0.0080	0.117	0.23	0.003<	8.39	0.2<T	0.0040	0.034	1<W
821028	1210	48896									1<W
821104	1305	48907	0.0160	0.259	0.190	0.005	8.23	0.4<T	0.0070	0.048	
821209	1415	48971	0.0030	0.437	0.380	0.003<	8.22	0.4<T	0.043		
MAXIMUM		0.0490	0.520	0.43	0.016	8.39	2	0.0280	0.093	1	1
ARITH MEAN		0.0158	0.317	0.33	0.007	8.21	1 <A	0.0105	0.049	1<A	1<A
GEOM MEAN		0.0113	0.289	0.32		8.21	0 <A	0.0082	0.045	1<A	
MINIMUM		0.0030	0.117	0.190	0.004	7.73	0.2	0.0030	0.016	1	1
STD DEV (GEOM *)		0.0143	0.135	0.08		0.20	1 <A	0.0083	0.019	0<A	
# SAMP IN STATISTICS		9	9	9	7	9	9	8	21	2	1
% SAMP (EXCLUDED)					66						

(CONTD)

B.O.W./ SITE: WELLAND SHIP CANAL
 SAMPLE POINT: AT WEIR DOWNSTREAM FROM LAKESHORE ROAD
 STATION TYPE: RIVER

STATION ID: 06-0014-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: WELLAND SHIP CANAL

STORET CODE: 02
 004
 5170

LAT: 43 13 22.10 LONG: 079 12 51.62 U T M: 17 0645025.0 4786890.0 4 REGION: 02 DISTANCE: 3.219

*=INTERIM TEST-NAME:			P1ALDR	P1BHCA	P1BHCA	P1BHCA	P1BHCB	P1BHCB	P1BHCB	P1BHCB	P1BHCB	P1BHCB
SAMPLE DATE	HOUR	SAMPLE NUMBER	ALDRIN NG/G WET	BHC ALPHA NG/L	BHC ALPHA NG/G DRY	BHC ALPHA NG/G WET	BHC BETA NG/L	BHC BETA NG/G DRY	BHC BETA NG/G WET	BHC GAMMA NG/L	BHC GAMMA NG/G DRY	BHC GAMMA NG/G WET
820429	1110	48540		5			1<W			1		
	1415	48545	1<W			1<W			1<W			1<W
821005	1320	48847		4			1<W			1<W		
821028	1210	48896			1<W			1<W			1<W	
MAXIMUM			1	5	1	1	1	1	1	1	1	1
ARITH MEAN			1<A	4	1<A	1<A	1<A	1<A	1<A	1<A	1<A	1<A
GEOM MEAN				4			1<A			1<A		
MINIMUM			1	4	1	1	1	1	1	1	1	1
STD DEV (GEOM *)				1			0<A			0<A		
# SAMP IN STATISTICS			1	2	1	1	2	1	1	2	1	1
% SAMP (EXCLUDED)												

*=INTERIM TEST-NAME:			P1CHLA	P1CHLA	P1CHLA	P1CHLG	P1CHLG	P1CHLG	P1DIEL	P1DIEL	P1DIEL	P1DMDT
SAMPLE DATE	HOUR	SAMPLE NUMBER	CHLRDANE ALPHA NG/L	CHLRDANE ALPHA NG/G DRY	CHLRDANE ALPHA NG/G WET	CHLRDANE GAMMA NG/L	CHLRDANE GAMMA NG/G DRY	CHLRDANE GAMMA NG/G WET	DIELDRIN NG/L	DIELDRIN NG/G DRY	DIELDRIN NG/G WET	DMDT MTHXYLLR NG/L
820429	1110	48540	2<W			2<W			2<W			5<W
	1415	48545			2<W			2<W			2<W	
821005	1320	48847	2<W			2<W			2<W			5<W
821028	1210	48896		2<W			2<W			2<W		
MAXIMUM			2	2	2	2	2	2	2	2	2	5
ARITH MEAN			2<A	2<A	2<A	2<A	2<A	2<A	2<A	2<A	2<A	5<A
GEOM MEAN			2<A			2<A			2<A			5<A
MINIMUM			2	2	2	2	2	2	2	2	2	5
STD DEV (GEOM *)			0<A			0<A			0<A			0<A
# SAMP IN STATISTICS			2	1	1	2	1	1	2	1	1	2
% SAMP (EXCLUDED)												

(CONTD)

B.O.W./ SITE: WELLAND SHIP CANAL
 SAMPLE POINT: AT WEIR DOWNSTREAM FROM LAKESHORE ROAD
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: WELLAND SHIP CANAL

STATION ID: 06-0014-001-02

STORET CODE: 02
 004
 5170

LAT: 43 13 22.10 LONG: 079 12 51.62 U T M: 17 0645025.0 4786890.0 4 REGION: 02 DISTANCE: 3.219

*=INTERIM TEST-NAME:		P1DMDT	P1DMDT	P1ENDR	P1ENDR	P1ENDR	P1ENDS	P1ENDS	P1ENDS	P1END1	P1END1	
SAMPLE DATE	HOUR	SAMPLE NUMBER	DMDT MTHXYLLR NG/G DRY	DMDT MTHXYLLR NG/G WET	ENDRIN NG/L	ENDRIN NG/G DRY	ENDRIN NG/G WET	ENDOSULP SULPHATE NG/L	ENDOSULP SULPHATE NG/G DRY	ENDOSULP SULPHATE NG/G WET	ENDOSULP I NG/L	ENDOSULP I NG/G DRY
820429	1110	48540			4<W			4<W			2<W	
	1415	48545		5<W			4<W			4<W		
821005	1320	48847			4<W			4<W			2<W	
821028	1210	48896	5<W				4<W		4<W			2<W
MAXIMUM			5	5	4	4	4	4	4	4	2	2
ARITH MEAN			5<A	5<A	4<A	4<A	4<A	4<A	4<A	4<A	2<A	2<A
GEOM MEAN					4<A			4<A			2<A	
MINIMUM			5	5	4	4	4	4	4	4	2	2
STD DEV (GEOM *)					0<A			0<A			0<A	
# SAMP IN STATISTICS			1	1	2	1	1	2	1	1	2	1
% SAMP (EXCLUDED)												

*=INTERIM TEST-NAME:		P1END1	P1END2	P1END2	P1END2	P1HEPE	P1HEPE	P1HEPE	P1HEPT	P1HEPT	P1HEPT	
SAMPLE DATE	HOUR	SAMPLE NUMBER	ENDOSULP I NG/G WET	ENDOSULP II NG/L	ENDOSULP II NG/G DRY	ENDOSULP II NG/G WET	HEPE NG/L	HEPE NG/G DRY	HEPE NG/G WET	HEPACHOR NG/L	HEPACHOR NG/G DRY	HEPACHOR NG/G WET
820429	1110	48540		4<W			1<W			1<W		
	1415	48545	2<W			4<W			1<W			1<W
821005	1320	48847		4<W			1<W			1<W		
821028	1210	48896			4<W			1<W			1<W	
MAXIMUM			2	4	4	4	1	1	1	1	1	1
ARITH MEAN			2<A	4<A	4<A	4<A	1<A	1<A	1<A	1<A	1<A	1<A
GEOM MEAN				4<A			1<A			1<A		
MINIMUM			2	4	4	4	1	1	1	1	1	1
STD DEV (GEOM *)				0<A			0<A			0<A		
# SAMP IN STATISTICS			1	2	1	1	2	1	1	2	1	1
% SAMP (EXCLUDED)												

(C O N T D)

B.O.W./ SITE: WELLAND SHIP CANAL
 SAMPLE POINT: AT WEIR DOWNSTREAM FROM LAKESHORE ROAD
 STATION TYPE: RIVER

STATION ID: 06-0014-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: WELLAND SHIP CANAL

STORET CODE: 02
 004
 5170

LAT: 43 13 22.10 LONG: 079 12 51.62 U T M: 17 0645025.0 4786890.0 4 REGION: 02 DISTANCE: 3.219

*=INTERIM TEST-NAME:		P1MIRX	P1MIRX	P1MIRX	P1OCHL	P1OCHL	P1OCHL	P1OPDT	P1OPDT	P1OPDT	P1PCBT	
SAMPLE DATE	HOUR	SAMPLE NUMBER	MIREX NG/L	MIREX NG/G DRY	MIREX NG/G WET	OXCHLANE NG/L	OXCHLANE NG/G DRY	OXCHLANE NG/G WET	OP-DDT NG/L	OP-DDT NG/G DRY	OP-DDT NG/G WET	PCB TOTAL NG/L
820429	1110	48540	5<W		500<W	2<W		2<W	5<W		5<W	20<W
	1415	48545										
821005	1320	48847	5<W			2<W			5<W			20<W
821028	1210	48896		500<W			2<W			5<W		
MAXIMUM		5	500	500	2	2	2	5	5	5	20	
ARITH MEAN		5<A	500<A	500<A	2<A	2<A	2<A	5<A	5<A	5<A	20<A	
GEOM MEAN		5<A			2<A			5<A			20<A	
MINIMUM		5	500	500	2	2	2	5	5	5	20	
STD DEV (GEOM *)		0<A			0<A			0<A			0<A	
# SAMP IN STATISTICS		2	1	1	2	1	1	2	1	1	2	
% SAMP (EXCLUDED)												

*=INTERIM TEST-NAME:		P1PCBT	P1PCBT	P1PPDD	P1PPDD	P1PPDD	P1PPDE	P1PPDE	P1PPDE	P1PPDE	P1PPDT	P1PPDT
SAMPLE DATE	HOUR	SAMPLE NUMBER	PCB TOTAL NG/G DRY	PP-DDD NG/L	PP-DDD NG/G DRY	PP-DDD NG/G WET	PP-DDE NG/L	PP-DDE NG/G DRY	PP-DDE NG/G WET	PP-DDT NG/L	PP-DDT NG/G DRY	
820429	1110	48540		5<W			2			5<W		
	1415	48545				5<W			1<W			
821005	1320	48847		5<W			1<W			5<W		
821028	1210	48896	110		5<W			1<W			5<W	
MAXIMUM		110	20	5	5	5	2	1	1	5	5	
ARITH MEAN		110	20<A	5<A	5<A	5<A	1<A	1<A	1<A	5<A	5<A	
GEOM MEAN				5<A			1<A			5<A		
MINIMUM		110	20	5	5	5	1	1	1	5	5	
STD DEV (GEOM *)				0<A			1<A			0<A		
# SAMP IN STATISTICS		1	1	2	1	1	2	1	1	2	1	
% SAMP (EXCLUDED)												

(C O N T D)

STORET CODE: 02
004
5170

DISTANCE: 3.219

[illegible]

B.O.W./ SITE: WELLAND SHIP CANAL
 SAMPLE POINT: FIRST BRIDGE DOWNSTREAM FROM LAKE ERIE
 STATION TYPE: RIVER

STATION ID: 06-0014-002-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: WELLAND SHIP CANAL

STORET CODE: 02
 004
 5170

LAT: 42 53 11.94 LONG: 079 14 56.35 U T M: 17 0642990.0 4749500.0 4 REGION: 02 DISTANCE: 43.451

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	ALUT	ASUT	BOD5	CAUR	CLIDUR	COD	COLAP
				ALK	ALUMINUM	ARSENIC	5 DAY	CALCIUM	CHLORIDE	CHEM. OX	COLOUR
				TOTAL	UNF.TOT.	UNF.TOT.	TOT.DEM.	UNF.REAC	UNF.REAC	DEMAND	APPARENT
				MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	HZU
SAMPLE		SAMPLE	PROJECT	AS CAC03	AS AL	AS AS	AS 0	AS CA	AS CL	AS 0	
DATE	HOUR	DEPTH	SUB-PROJ								
YYMMDD	LMT	M	CODE								
820311	1050	48437	0101	107	0.150	0.001<	1.4	44.0	37.00	14	61.4
820415	1020	48494	0101	97.3	0.300	0.001<	0.4	34.8	18.50	8	-1.2<T
820513	1025	48572	0101	84.2	0.163	0.001<	0.42<T	32.5	15.60	0	4.4
820622	1140	48615	0101	98.4	0.100	0.001	1.17	35.3	18.40	10	5.3
820706	1235	48660	0101	95.2	0.091	0.001<	0.15<T	35.0	18.10	10	3.6
820809	1150	48713	0101	97.2	0.120	0.001<	0.40<T	35.5	18.50	6	6.1
820902	1115	48802	0101	98.1	0.034	0.001<	0.61	31.6	17.00	8	0.7
821005	1120	48843	0101	98.8	0.050	0.001<	0.73	33.6	16.50	10.4	3.1
821104	1050	48903	0101	97.4	0.110	0.001	1.11	34.5	17.00		0.4<T
821209	1100	48967	0101	101.5	0.180	0.001<	1.09	37.6	17.10	10.0	3.0
MAXIMUM		0.30		107	0.300	0.001	1.4	44.0	37.00	14	61.4
ARITH MEAN		0.30		98	0.130	0.001	0.7 <A	35.4	19.37	8	8.7<A
GEOM MEAN				97	0.110		0.6 <A	35.3	18.75		
MINIMUM		0.30		84.2	0.034	0.001	0.15	31.6	15.60	0	-1.2
STD DEV (GEOM *)				6	0.076		0.4 <A	3.4	6.27		
# SAMP IN STATISTICS		10		10	10	2	10	10	10	9	10
% SAMP (EXCLUDED)						80					

*=INTERIM TEST-NAME:		COND25	CUUT	DO	FCMF	FEUT	FSMF	FWPH	FWSTRC	FWTEMP	HARDT	
					FECAL	IRON	FECAL					
		CONDUCT.	COPPER	DISOLVED	COLIFORM	UNF.TOT.	STREPCUS			WATER	HARDNESS	
		25C	UNF.TOT.	OXYGEN	MF	MG/L	MF			TEMP	TOTAL	
		UMHO/CM	MG/L	MG/L	CNT	AS FE	CNT	PH	STREAM	DEG.C	MG/L	
		AT 25 C	AS CU	AS 0	/100ML		/100ML	FIELD	COND.		AS CAC03	
SAMPLE		SAMPLE										
DATE	HOUR	NUMBER										
YYMMDD	LMT											
820311	1050	48437	445	0.004	13.60	10<	2.000	10<	7.10	8	4.0	151
820415	1020	48494	305	0.004	13.00	10<=>	0.140	10<	7.30	4	2.0	119.0
820513	1025	48572	269.0	0.003	14.60	10<	0.310	10<	7.00	4	4.0	111.0
820622	1140	48615	296.0	0.004	14.60	10<	0.155	10<	8.30	8	13.0	121.0
820706	1235	48660	290.0	0.005	12.40	10<	0.060	1500>	8.20	8	19.0	118.0
820809	1150	48713	293.0	0.008	6.90	10<=>	0.145	30<=>	8.15	8	23.0	122.0
820902	1115	48802	287.0	0.003	8.60	40<=>	0.090	10<=>	8.25	8	19.5	112.0
821005	1120	48843	289.0	0.006	8.70	4<	0.060	8	7.90	8	18.0	114.0
821104	1050	48903	290.0	0.010	10.80	60<=>	0.110	60<=>	8.05	8	12.5	119.0
821209	1100	48967	299.0	0.003	10.80	8	0.215	8	8.35	8	6.0	127.0

(C O N T D)

B.O.W./ SITE: WELLAND SHIP CANAL

SAMPLE POINT: FIRST BRIDGE DOWNSTREAM FROM LAKE ERIE

STATION TYPE: RIVER

STATION ID: 06-0014-002-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: WELLAND SHIP CANAL

STORET CODE: 02
 004
 5170

LAT: 42 53 11.94 LONG: 079 14 56.35 U T M: 17 0642990.0 4749500.0 4 REGION: 02 DISTANCE: 43.451

*=INTERIM TEST-NAME:		COND25	CUUT	DO	FCMF FECAL COLIFORM	FEUT IRON UNF.TOT.	FSMF FECAL STREPCUS	FWPH	FWSTRC	FWTEMP	HARDT
SAMPLE DATE	HOUR YMMDD LMT	CONDUCT. 25C UMHO/CM AT 25 C	COPPER UNF.TOT. MG/L AS CU	DISSOLVED OXYGEN MG/L AS O	MF CNT /100ML	MG/L AS FE	MF CNT /100ML	PH FIELD	STREAM COND.	WATER TEMP DEG.C	HARDNESS TOTAL MG/L AS CAC03
		MAXIMUM	445	0.010	14.60	60	2.000	60	8.35	23.0	151
		ARITH MEAN	306	0.005	11.40	26	0.328	23	7.86	12.1	121
		GEOM MEAN	303	0.005	11.09		0.165		7.84	9.3	121
		MINIMUM	269.0	0.003	6.90	8	0.060	8	7.00	2.0	111.0
		STD DEV (GEOM *)	50	0.002	2.69		0.592		0.52	7.7	11
		# SAMP IN STATISTICS	10	10	10	5	10	5	10	10	10
		% SAMP (EXCLUDED)				50		50			

*=INTERIM TEST-NAME:		MGUR	NIUT	NNHTFR NH3-N TOTAL	NNOTFR NO2+NO3N FIL.REAC	NNO2FR NO2-N FIL.REAC	NN03FR NO3-N FIL.REAC	NNTKUR K'DAHL N TOTAL	PBUT	PH	PHNOL	
SAMPLE DATE	HOUR YMMDD LMT	MAGNESIM FIL.REAC MG/L AS MG	NICKEL UNF.TOT. MG/L AS NI	MG/L AS N	MG/L AS N	MG/L AS N	MG/L AS N	MG/L AS N	LEAD UNF.TOT. MG/L AS PB	PH	PHENOLS UNF-REAC UG/L PHENOL	
820311	1050	48437	10.00	0.002	0.256	1.250	0.004	1.650	0.68	0.003<	7.93	1 <T
820415	1020	48494	7.80	0.001<	0.030	0.350	0.0070	0.345	0.28	0.003<	8.11	1.0<T
820513	1025	48572	7.16	0.001	0.002<T	0.360	0.0750	0.285	0.24	0.003<	8.20	
820622	1140	48615	8.00	0.002	0.010	0.330	0.0460	0.285	0.32	0.005	8.34	2.8
820706	1235	48660	7.40	0.002	0.028	0.195	0.0060	0.190	0.24	0.004	8.45	0.2<T
820809	1150	48713	8.06	0.001	0.034	0.135	0.0070	0.130	0.27	0.005	8.49	0.2<W
820902	1115	48802	8.00	0.001<	0.044	0.105	0.0045	0.100	0.26	0.006	8.49	-0.2<T
821005	1120	48843	7.20	0.002	0.026	0.135	0.0050	0.130	0.26	0.003<	8.41	0.2<W
821104	1050	48903	7.90	0.002	0.010	0.220	0.0330	0.187	0.180	0.005	8.36	0.4<T
821209	1100	48967	8.16	0.002	0.010	0.355	0.0120	0.343	0.250	0.003	8.30	0.4<T
		MAXIMUM	10.00	0.002	0.256	1.250	0.0750	1.650	0.68	0.006	8.49	2.8
		ARITH MEAN	7.97	0.002	0.045<A	0.343	0.020	0.364	0.30	0.005	8.31	1 <A
		GEOM MEAN	7.93		0.021<A	0.262	0.011	0.250	0.28		8.31	
		MINIMUM	7.16	0.001	0.002	0.105	0.004	0.100	0.180	0.003	7.93	-0.2
		STD DEV (GEOM *)	0.80		0.075<A	0.334	0.024	0.460	0.14		0.18	
		# SAMP IN STATISTICS	10	8	10	10	10	10	10	6	10	9
		% SAMP (EXCLUDED)		20						40		

(C O N T D)

B.O.W./ SITE: WELLAND SHIP CANAL
 SAMPLE POINT: FIRST BRIDGE DOWNSTREAM FROM LAKE ERIE
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: WELLAND SHIP CANAL

STATION ID: 06-0014-002-02

STORET CODE: 02
 004
 5170

LAT: 42 53 11.94 LONG: 079 14 56.35 U T M: 17 0642990.0 4749500.0 4 REGION: 02 DISTANCE: 43.451

*=INTERIM TEST-NAME:		PP04FR	PPUT	RSF	RSP	SS04UR	TCMF	TCMFBK	TURB	ZNUT	
		P04	PHOSPHOR			SULPHATE	COLIFORM	COLIFORM		ZINC	
		FIL.REAC	UNF.TOT.	RESIDUE	RESIDUE	UNF.REAC	TOTAL	TOTAL MF		UNF.TOT.	
SAMPLE		MG/L	MG/L	FILTERED	PARTIC.	MG/L	MF	BCKGRD	TURB'ITY	MG/L	
DATE	HOUR						CNT	CNT	FTU	AS ZN	
YYMMDD	LMT	SAMPLE	AS P	MG/L	MG/L	AS S04	/100ML	/100ML			
NUMBER											
820311	1050	48437	0.0380	0.123	261	12.9	50.0	50<=>	20<=>	16.10	0.002
820415	1020	48494	0.0090	0.025	198.0	3.840	27.0	80<=>	100	4.00	0.002
820513	1025	48572	0.0120	0.023	175.0	3.000	23.2	10<	10<	4.20	0.003
820622	1140	48615	0.0060	0.013	192.0	3.900	25.3	10<=>	640	3.30	0.002
820706	1235	48660	0.0150	0.007	189.0	0.730<T	24.5	10<	1500>	2.10	0.001<
820809	1150	48713			158.0	2.840	25.6	100<=>	6700	3.20	0.003
820902	1115	48802	0.0040	0.013	187.0	3.920	25.9	40<=>	1600	1.95	0.001<
821005	1120	48843	0.2050	0.235	188.0	2.300	22.0	20<=>	140	1.41	0.002
821104	1050	48903	0.0200	0.031	189.0	4.420	22.53	180<=>	4200	2.90	0.004
821209	1100	48967	0.0230	0.025	194.0	6.540	25.72	40<=>	210	6.50	0.001
MAXIMUM		0.2050	0.235	261	12.9	50.0	180	6700	16.10	0.004	
ARITH MEAN		0.0369	0.055	193	4.4 <A	27.2	65	1701	4.57	0.002	
GEOM MEAN		0.0173	0.029	192	3.5 <A	26.4			3.54		
MINIMUM		0.0040	0.007	158.0	0.730	22.0	10	20	1.41	0.001	
STD DEV (GEOM *)		0.0639	0.076	26	3.3 <A	8.2			4.30		
# SAMP IN STATISTICS		9	9	10	10	10	8	8	10	8	
% SAMP (EXCLUDED)							20	20		20	

B.O.W./ SITE: TWELVE MILE CREEK
 SAMPLE POINT: AT LAKEPORT ROAD ST CATHARINES
 STATION TYPE: RIVER

STATION ID: 06-0017-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TWELVE MILE CREEK

STORET CODE: 02
 004
 5130

LAT: 43 12 05.52 LONG: 079 15 56.63 U T M: 17 0640900.0 4784440.0 4 REGION: 02 DISTANCE: 1.287

*=INTERIM TEST-NAME:		FWSADP	FWDPTS	FGPROJ	ALKT	ALKTI	ALUT	ASUT	CDUT	CLIDUR	CONDAM
					ALK	ALK	ALUMINUM	ARSENIC	CADMIUM	CHLORIDE	CONDUCT.
					TOTAL	INFLECTN	UNF.TOT.	UNF.TOT.	UNF.TOT.	UNF.REAC	AMBIENT
					MG/L	POINT	MG/L	MG/L	MG/L	MG/L	UMHO/CM
					AS CAC03	AS CAC03	AS AL	AS AS	AS CD	AS CL	AMBIENT
SAMPLE	DATE HOUR	SAMPLE	DEPTH	PROJECT							
DATE	HOUR	NUMBER	M	SUB-PROJ							
YYMMDD	LMT			CODE							
820104	1500	62001	0.30	0103					0.0002		
820107	1300	48308	0.30	0101	101		1.200	0.001<	0.0002	20.50	
820112	1500	62003	0.30	0103					0.0002<		
820119	1515	62004	0.30	0103	104				0.0001<	20.50	
820125	1230	62005	0.30	0103					0.0001<		
820201	1615	62006	0.30	0103					0.0004		
820204	1410	48364	0.30	0101	99		0.220	0.001<	0.0002	21.50	
820208	1230	62007	0.30	0103	101				0.0001<	19.00	
820214	1630	62008	0.30	0103					0.0001<		
820216	1415	62009	0.30	0103					0.0002		
820218	1100	62010	0.30	0103	100				0.0001<	22.00	
	1110	48393	0.30	0101							
820221	1600	62012	0.30	0103					0.0001<		
820223	1615	62014	0.30	0103					0.0001<		
820225	1430	62015	0.30	0103	101				0.0003	21.50	
820228	1515	62016	0.30	0103					0.0002		
820301	1145	48413	0.30	0101	103		0.151	0.001<	0.0004	19.50	
820302	1615	62019	0.30	0103					0.0002		
820304	1230	62021	0.30	0103	101				0.0002<	19.50	
820307	1300	62023	0.30	0103					0.0002<		8
820309	1700	62025	0.30	0103					0.0002<		
820311	1255	48441	0.30	0101							
	1600	62027	0.30	0103	114				0.0002	22.00	
820314	1330	62029	0.30	0103					0.0002<		
820316	1530	62031	0.30	0103					0.0002		
820318	1010	48453	0.30	0101							
	1200	62033	0.30	0103	97				0.0002<	22.00	
820321	1345	62035	0.30	0103					0.0002<		
820323	1530	62037	0.30	0103					0.0002<		
820325	1045	48472	0.30	0101							
	1215	62039	0.30	0103	100				0.0003	20.50	
820328	1445	62041	0.30	0103					0.0002<		
820330	1645	62043	0.30	0103					0.0002<		
820401	1110	48476	0.30	0101							
	1415	62044	0.30	0103	102				0.0002<	21.00	
820405	1600	62046	0.30	0103					0.0002<		
820406	1515	62047	0.30	0103					0.0002<		
820407	1045	62048	0.30	0103	99				0.0002<	20.50	
	1145	48480	0.30	0101	99		0.440	0.001<	0.0002<	20.00	
	1615	62049	0.30	0103					0.0002<		

(C O N T D)

B.O.W./ SITE: TWELVE MILE CREEK
 SAMPLE POINT: AT LAKEPORT ROAD ST CATHARINES
 STATION TYPE: RIVER

STATION ID: 06-0017-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TWELVE MILE CREEK

STORET CODE: 02
 004
 5130

LAT: 43 12 05.52 LONG: 079 15 56.63 U T M: 17 0640900.0 4784440.0 4 REGION: 02 DISTANCE: 1.287

*INTERIM		TEST-NAME:	FWSADP	FWDPTS	FGPROJ	ALKT	ALKTI ALK	ALUT	ASUT	CDUT	CLIDUR	CONDAM
SAMPLE DATE YYMMDD	HOURLMT	SAMPLE NUMBER	SAMPLE DEPTH M	WATER DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CAC03	INFLECTN POINT MG/L AS CAC03	ALUMINUM UNF.TOT. MG/L AS AL	ARSENIC UNF.TOT. MG/L AS AS	CADMIUM UNF.TOT. MG/L AS CD	CHLORIDE UNF.REAC MG/L AS CL	CONDUCT. AMBIENT UMHO/CM AMBIENT
820408	1200	62051	0.30		0103					0.0002<		
820411	1115	62053	0.30		0103					0.0002<		
820413	1145	62054	0.30		0103	98				0.0002	19.50	
	1745	62055	0.30		0103					0.0003		
820414	1145	62056	0.30		0103					0.0002<		
	1645	62057	0.30		0103					0.0002<		
820415	1415	48499	0.30		0101							
	1500	52059	0.30		0103	98.8				0.0002<	19.50	
820418	1515	62061	0.30		0103					0.0002<		
820420	1515	62062	0.30		0103					0.0002<		
820422	1230	48513	0.30		0101							
	1445	62064	0.30		0103					0.0002<		
820425	1200	62066	0.30		0103	98.5				0.0003	17.80	
820427	1445	62067	0.30		0103					0.0002<		
820429	1125	48541	0.30		0101							
	1310	48546	0.30		0101							
	1445	62069	0.30		0103					0.0002<		
820502	1315	62071	0.30		0103	108.1				0.0002<	17.80	
820504	1345	62072	0.30		0103					0.0002<		
820506	1145	48559	0.30		0101	93.3		0.490	0.001<	0.0003	17.40	
	1400	62073	0.30		0103					0.0002<		
820509	1145	62076	0.30		0103	91.6				0.0002<	17.50	
820511	1445	62077	0.30		0103					0.0002<		
820513	1700	62079	0.30		0103					0.0002<		
820516	1615	62081	0.30		0103	89.8				0.0002<	15.80	
820517	1115	62082	0.30		0103					0.0002<		
820518	1445	62084	0.30		0103							
820524	1300	62086	0.30		0103	84.8				0.0002	15.80	
820525	1430	62087	0.30		0103					0.0003		
820526	1200	62089	0.30		0103					0.0002<		
820603	1200	62091	0.30		0103	96.3				0.0002<	18.00	
820607	1545	62093	0.30		0103					0.0002<		
820623	1100	62095	0.30		0103	99.3				0.0002<		
820629	1320	48646	0.30		0101	97.6		0.760	0.001<	0.0002	19.20	
820706		62097	0.30		0103	97.5				0.0003		
820721	1210	48699	0.30		0101	97.4		0.540	0.001<	0.0002<	18.80	
820722	1245	62099	0.30		0103	99.2				0.0002		
820805	1300	62101	0.30		0103	100.2				0.0002<		
820819	1545	62103	0.30		0103	100.4	100.60			0.0002<	18.60	
820830	1110	48752	0.30		0101	100.2		0.460	0.001<	0.0002<	17.40	

(C O N T D)

B.O.W./ SITE: TWELVE MILE CREEK
 SAMPLE POINT: AT LAKEPORT ROAD ST CATHARINES
 STATION TYPE: RIVER

STATION ID: 06-0017-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TWELVE MILE CREEK

STORET CODE: 02
 004
 5130

LAT: 43 12 05.52 LONG: 079 15 56.63 U T M: 17 0640900.0 4784440.0 4 REGION: 02 DISTANCE: 1.287

*=INTERIM TEST-NAME:		FWSADP	FWDPTS	FGPROJ	ALKT	ALKTI ALK	ALUT	ASUT	CDUT	CLIDUR	CONDAM	
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	WATER DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CAC03	INFLECTN POINT MG/L AS CAC03	ALUMINUM UNF.TOT. MG/L AS AL	ARSENIC UNF.TOT. MG/L AS AS	CADMIUM UNF.TOT. MG/L AS CD	CHLORIDE UNF.REAC MG/L AS CL	CONDUCT. AMBIENT UMHO/CM AMBIENT
820908	1545	62105	0.30		0103					0.0002		
820909	1415	48833	0.30		0101	100.2		0.310	0.001<	0.0002	17.40	
820923	1200	68107	0.30		0103	99.6				0.0002		
821005	1335	48848	0.30		0101	98.0		0.620	0.001<	0.0002<	17.10	
821006	1215	62109	0.30		0103		102.22			0.0002<		
821020	1230	62111	0.30		0103	105.0	108.82			0.0002<	18.30	
821021	0830	48887	0.30		0101							
821028	1045	48897	0.30		0101							
821104	1320	48908	0.30		0101							
821109	1715	68113	0.30		0103	101.8				0.0002<		
821118	1300	48933	0.30		0101	102.7		0.850	0.001<	0.0002<	18.30	
821123	1730	62115	0.30		0103	102.3				0.0002		
821209	1145	62117	0.30		0103	104.2				0.0002<	18.30	
	1430	48972	0.30		0101							
821222	1330	62119	0.30		0103	103.2				0.0002<		
821229	1150	48983	0.30		0101	100.2		0.650	0.001	0.0002<	17.10	
	MAXIMUM	0.30	0.03			114	108.82	1.200	0.001	0.0004	22.00	8
	ARITH MEAN	0.30	0.03			100	103.88	0.558	0.001	0.0002	19.08	8
	GEOM MEAN					100	103.82	0.486			19.00	
	MINIMUM	0.30	0.03			84.8	100.60	0.151	0.001	0.0002	15.80	8
	STD DEV (GEOM *)					5	4.35	0.289			1.75	
	# SAMP IN STATISTICS	96	1			41	3	12	1	25	33	1
	% SAMP (EXCLUDED)								91	69		

(C O N T D)

B.O.W./ SITE: TWELVE MILE CREEK
 SAMPLE POINT: AT LAKEPORT ROAD ST CATHARINES
 STATION TYPE: RIVER

STATION ID: 06-0017-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TWELVE MILE CREEK

STORET CODE: 02
 004
 5130

LAT: 43 12 05.52 LONG: 079 15 56.63 U T M: 17 0640900.0 4784440.0 4 REGION: 02 DISTANCE: 1.287

*=INTERIM TEST-NAME:		COND25	CRUT	CUUT	DO	FCMF	FSMF	FWFLOW	FwPH	FWSTRC	FWTEMP
		CONDUCT.	CHROMIUM	COPPER	DISOLVED	FECAL	FECAL	STREAM			
		25C	UNF.TOT.	UNF.TOT.	OXYGEN	COLIFORM	STREPCUS	FLOW	PH	STREAM	WATER
SAMPLE	DATE	UMHO/CM	MG/L	MG/L	MG/L	MF	MF	M3	FIELD	COND.	TEMP
YYMMDD	HOUR	AT 25 C	AS CR	AS CU	AS O	CNT	CNT	/S			DEG.C
	LMT	SAMPLE				/100ML	/100ML				
		NUMBER									
820104	1500	62001		0.007				198.000		8	
820107	1300	48308	320	0.003	0.005	13.20	510	196.260	7.45	8	3.0
820112	1500	62003		0.003				195.258		5	
820119	1515	62004		0.004				195.114		8	
820125	1230	62005		0.004				195.078		8	
820201	1615	62006		0.006				195.058		8	
820204	1410	48364	315	0.002	0.004	13.40	750	195.050	8.20	8	2.0
820208	1230	62007		0.005				195.041		8	
820214	1630	62008		0.006				195.031		8	
820216	1415	62009		0.007				195.078		8	
820218	1100	62010		0.004				195.162		8	
	1110	48393		0.002<		13.40		195.162	7.90	8	1.0
820221	1600	62012		0.007				195.258		8	
820223	1615	62014		0.007				195.295		8	
820225	1430	62015		0.005				195.281		8	
820228	1515	62016		0.008				195.261		8	
820301	1145	48413	340	0.002	0.005	13.00	40<=>	195.246	8.10	8	2.5
820302	1615	62019		0.011				195.240		8	
820304	1230	62021						195.231		8	
820307	1300	62023		0.010				195.216		8	
820309	1700	62025		0.006				195.209		8	
820311	1255	48441		0.002U		14.50		195.425	6.80	8	5.0
	1600	62027		0.002				195.425		8	
820314	1330	62029		0.009U				236.040		8	
820316	1530	62031		0.007				226.380		8	
820318	1010	48453		0.007U		13.40		214.740	6.80	3 0	1.0
	1200	62033		0.006				214.740		8	
820321	1345	62035		0.009				207.480		8	
820323	1530	62037		0.008				206.340		8	
820325	1045	48472		0.002		13.60		206.640	7.80	8	4.0
	1215	62039		0.010				206.640		8	
820328	1445	62041		0.005U				198.498		8	
820330	1645	62043		0.006U				200.316		8	
820401	1110	48476		0.005		12.90		221.220	8.10	3	4.5
	1415	62044		0.006U				221.220		8	
820405	1600	62046		0.004				202.140		8	
820406	1515	62047		0.009				198.462		8	
820407	1045	62048		0.007				196.638		8	
	1145	48480	325	0.003	0.012	13.20	670	196.638	7.70	8	2.0
	1615	62049		0.008				196.638		8	

(C O N T D)

B.O.W./ SITE: TWELVE MILE CREEK
 SAMPLE POINT: AT LAKEPORT ROAD ST CATHARINES
 STATION TYPE: RIVER

STATION ID: 06-0017-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TWELVE MILE CREEK

STORET CODE: 02
 004
 5130

LAT: 43 12 05.52 LONG: 079 15 56.63 U T M: 17 0640900.0 4784440.0 4 REGION: 02 DISTANCE: 1.287

*=INTERIM	TEST-NAME:	COND25	CRUT	CUUT	DO	FCMF	FSMF	FWFLOW	FWPH	FWSTRC	FWTEMP
		CONDUCT.	CHROMIUM	COPPER	DISOLVED	FECAL	FECAL	STREAM			
SAMPLE		25C	UNF.TOT.	UNF.TOT.	OXYGEN	COLIFORM	STREPCUS	FLOW			WATER
DATE	HOOR	UMHO/CM	MG/L	MG/L	MG/L	MF	MF	M3	PH	STREAM	TEMP
YYMMDD	LMT	AT 25 C	AS CR	AS CU	AS O	/100ML	/100ML	/S	FIELD	COND.	DEG.C
820408	1200	62051		0.007				196.446		8	
820411	1115	62053		0.012				200.718		8	
820413	1145	62054		0.009				198.864		8	
	1745	62055		0.018				198.864		8	
820414	1145	62056		0.007				199.272		8	
	1645	62057		0.009U				199.272		8	
820415	1415	48499	0.005		13.10			198.054	7.20	5	3.5
	1500	52059		0.009U				198.054		8	
820418	1515	62061		0.008				196.884		8	
820420	1515	62062						196.932		8	
820422	1230	48513	0.002U		14.80			198.456	7.10	8	3.5
	1445	62064		0.006U				198.456		8	
820425	1200	62066		0.006				195.966		8	
820427	1445	62067		0.006				195.566		8	
820429	1125	48541	0.002		15.60			195.409	7.10	8	2.5
	1310	48546						195.409			
	1445	62069		0.004U				195.409		8	
820502	1315	62071		0.005				195.272		8	
820504	1345	62072		0.002				195.211		8	
820506	1145	48559	293.0	0.010	19.50	180	140	195.173	6.50	8	4.0
	1400	62073						195.173		8	
820509	1145	62076		0.014U				195.255		8	
820511	1445	62077		0.009				195.186		8	
820513	1700	62079		0.008				195.121		8	
820516	1615	62081		0.008				195.103		8	
820517	1115	62082		0.004				195.092		8	
820518	1445	62084						195.082		8	
820524	1300	62086		0.006				195.140		8	
820525	1430	62087		0.010				195.108		8	
820526	1200	62089		0.005				195.094		8	
820603	1200	62091		0.006				195.368		8	
820607	1545	62093		0.001				208.800		8	
820623	1100	62095		0.024				200.952		8	
820629	1320	48646	302.0	0.002	11.90	2400	940	195.708	8.00	8	17.0
	120706	62097		0.014				195.194			
820721	1210	48699	297.0	0.002	8.20	430<=>	200	195.011	7.85	8	21.0
820722	1245	62099		0.020				195.010		5	
820805	1300	62101		0.006				195.053		8	
820819	1545	62103		0.007				195.011		8	
820830	1110	48752	296.0	0.002	8.40	2300	220	195.030	7.90	8	19.0

(C O N T D)

B.O.W./ SITE: TWELVE MILE CREEK
 SAMPLE POINT: AT LAKEPORT ROAD ST CATHARINES
 STATION TYPE: RIVER

STATION ID: 06-0017-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TWELVE MILE CREEK

STORET CODE: 02
 004
 5130

LAT: 43 12 05.52 LONG: 079 15 56.63 U T M: 17 0640900.0 4784440.0 4 REGION: 02 DISTANCE: 1.287

*=INTERIM TEST-NAME:		COND25	CRUT	CUUT	DO	FCMF	FSMF	FWFLOW	FWPH	FWSTRC	FWTEMP
		CONDUCT.	CHROMIUM	COPPER	DISOLVED	FECAL	FECAL	STREAM			
		25C	UNF.TOT.	UNF.TOT.	OXYGEN	COLIFORM	STREPCUS	FLOW			
SAMPLE											
DATE	HOUR										
YYMMDD	LMT	SAMPLE	UMHO/CM	MG/L	MG/L	CNT	MF	M3	PH	STREAM	WATER
		NUMBER	AT 25 C	AS CR	AS CU	/100ML	/100ML	/S	FIELD	COND.	TEMP
											DEG.C
820908	1545	62105			0.022			195.009		8	
820909	1415	48833	296.0	0.004	0.007	9.10	490<=>	160	195.009	8.05	20.5
820923	1200	68107			0.005			195.019		8	
821005	1335	48848	296.0	0.002	0.012	8.90	1820	260	195.441	7.45	18.0
821006	1215	62109			0.005			195.322		8	
821020	1230	62111			0.003			195.196		8	
821021	0830	48887		0.001		9.70		195.161	7.90	8	11.5
821028	1045	48897						195.077			
821104	1320	48908		0.008		10.60		204.900	7.70	8	12.5
821109	1715	68113			0.006			196.890		8	
821118	1300	48933	316.0	0.006	0.008	11.60	540<=>	80<=>	195.672	8.10	8.5
821123	1730	62115			0.008			198.492		8	
821209	1145	62117			0.016			197.814		8	
	1430	48972		0.004		11.00		197.814	8.25	8	5.0
821222	1330	62119			0.007			196.194			
821229	1150	48983	303.0	0.004	0.006	12.60	540	60<=>	203.520	8.10	5.0
		MAXIMUM	340	0.010	0.024	19.50	2400	940	236.040	8.25	21.0
		ARITH MEAN	308	0.004	0.008	12.42	889	210	198.571	7.65	7.7
		GEOM MEAN	308		0.007	12.16	568	151	198.452	7.64	5.2
		MINIMUM	293.0	0.001	0.001	8.20	40	50	195.009	6.50	1.0
		STD DEV (GEOM *)	15		0.004	2.59	3*	2*	7.153	0.51	6.8
		# SAMP IN STATISTICS	12	22	79	23	12	12	96	23	23
		% SAMP (EXCLUDED)		4							

(C O N T D)

B.O.W./ SITE: TWELVE MILE CREEK
 SAMPLE POINT: AT LAKEPORT ROAD ST CATHARINES
 STATION TYPE: RIVER

STATION ID: 06-0017-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TWELVE MILE CREEK

STORET CODE: 02
 004
 5130

LAT: 43 12 05.52 LONG: 079 15 56.63

U T M: 17 0640900.0 4784440.0 4

REGION: 02

DISTANCE: 1.287

*=INTERIM TEST-NAME:		HGUT	HGUT	NNHTFR	NNOTFR	NN02FR	NN03FR	NNTKUR	PBUT	PH	PHNOL
		MERCURY	MERCURY	NH3-N	N02+N03N	N02-N	N03-N	K'DAHL N	LEAD		PHENOLS
SAMPLE		UNF.TOT.	UNF.TOT.	TOTAL	FIL.REAC	FIL.REAC	FIL.REAC	FIL.TOT.	UNF.TOT.		UNF-REAC
DATE	HOUR	UG/L	UG/G DRY	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L		UG/L
YYMMDD	LMT	AS HG	AS HG	AS N	AS N	AS N	AS N	AS N	AS PB	PH	PHENOL
820104	1500	62001			0.020	0.001	<T		0.009		
820107	1300	48308	0.03<	0.030	0.275	0.008	0.265	0.32	0.003<	8.19	1 <T
820112	1500	62003			0.290	0.007	0.285		0.003<		
820119	1515	62004	0.03<	0.026	0.240	0.005	0.235	0.25	0.016	7.91	6
820125	1230	62005			0.215	0.003	0.210		0.011		
820201	1615	62006			0.225	0.005	0.220		0.007		
820204	1410	48364	0.02<	0.074	0.200	0.004	0.195	0.32	0.003<	8.14	7
820208	1230	62007	0.02	0.040	0.240	0.005	0.235	0.28	0.003<	8.07	14
820214	1630	62008			0.230	0.004	0.225		0.003<		
820216	1415	62009			0.250	0.002	0.245		0.005		
820218	1100	62010	0.02<	0.042	0.250	0.007	0.245	0.30	0.003<	7.88	8
	1110	48393	0.02<						0.003<		
820221	1600	62012			0.290	0.006	0.285		0.008		
820223	1615	62014	0.02<		0.350	0.005	0.345		0.015		
820225	1430	62015		0.010	0.285	0.004	0.280	0.275	0.003<	8.01	12
820228	1515	62016			0.270	0.007	0.265		0.003<		
820301	1145	48413	0.03<	0.022	0.245	0.006	0.240	0.30	0.003<	7.91	13
820302	1615	62019	0.03<		0.270	0.007	0.265		0.003<		
820304	1230	62021		0.012	0.275	0.004	0.270	0.28	0.003<	7.72	4
820307	1300	62023			0.255	0.004	0.250		0.003		
820309	1700	62025	0.03<		0.245	0.004	0.240		0.003<		
820311	1255	48441	0.02						0.005U		
	1600	62027		0.062	0.295	0.007	0.290	0.58	0.003<	7.61	34
820314	1330	62029			0.400	0.010	0.390		0.003<		
820316	1530	62031	0.03<		0.345	0.037	0.310		0.003<		
820318	1010	48453	0.02<						0.003<		
	1200	62033		0.052	0.315	0.008	0.305	0.50	0.003<	7.72	16
820321	1345	62035			0.245	0.008	0.235		0.003<		
820323	1530	62037	0.06<						0.004		
820325	1045	48472	0.06<						0.003		
	1215	62039		0.062	0.220	0.006	0.215	0.43	0.004	7.86	22
820328	1445	62041			0.195	0.005	0.190		0.003<		
820330	1645	62043	0.02<		0.210	0.004	0.205		0.010U		
820401	1110	48476	0.05<						0.003<		
	1415	62044		0.096	0.285	0.009	0.275	0.53	0.006U	8.26	19
820405	1600	62046			0.370	0.063	0.305		0.003<		
820406	1515	62047	0.05<		0.335	0.0255	0.310		0.003<		
820407	1045	62048	0.04<	0.018	0.300	0.0080	0.290	0.43	0.003<	8.10	18
	1145	48480	0.04<	0.018	0.305	0.0135	0.290	0.40	0.003<	7.78	17
	1615	62049			0.285	0.0185	0.265		0.003<		

(C O N T D)

B.O.W./ SITE: TWELVE MILE CREEK
 SAMPLE POINT: AT LAKEPORT ROAD ST CATHARINES
 STATION TYPE: RIVER

STATION ID: 06-0017-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TWELVE MILE CREEK

STORET CODE: 02
 004
 5130

LAT: 43 12 05.52 LONG: 079 15 56.63 U T M: 17 0640900.0 4784440.0 4 REGION: 02 DISTANCE: 1.287

*=INTERIM TEST-NAME:		HGUT	HGUT	NNHTFR	NNOTFR	NNO2FR	NNO3FR	NNTKUR	PBUT	PH	PHNOL
		MERCURY	MERCURY	NH3-N	NO2+NO3N	NO2-N	NO3-N	K'DAHL N	LEAD		PHENOLS
SAMPLE		UNF.TOT.	UNF.TOT.	TOTAL	FIL.REAC	FIL.REAC	FIL.REAC	FIL.TOT.	UNF.TOT.		UNF-REAC
DATE	HOUR	UG/L	UG/G DRY	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L		UG/L
YYMMDD	LMT	AS HG	AS HG	AS N	AS N	AS N	AS N	AS N	AS PB	PH	PHENOL
820408	1200	62051			0.280	0.0070	0.275		0.003<		
820411	1115	62053	0.03<		0.265	0.0050	0.260		0.003<		
820413	1145	62054		0.048	0.295	0.0080	0.285	0.63	0.006	7.82	1 <T
	1745	62055			0.305	0.0090	0.295		0.005		
820414	1145	62056	0.05<		0.315	0.0100	0.305		0.003<		
	1645	62057			0.280	0.0040	0.275		0.003<		
820415	1415	48499	0.05<						0.003		
	1500	52059	0.05<	0.052	0.295	0.0310	0.265	0.55	0.003<	8.01	1.0
820418	1515	62061			0.480	0.0300	0.450		0.003<		
820420	1515	62062	0.03<						0.003<		
820422	1230	48513	0.05<						0.003U		
	1445	62064			0.500	0.0300	0.470		0.003<		
820425	1200	62066		0.002<W	0.570	0.0020<T	0.570	0.35	0.003<	8.05	9.0
820427	1445	62067	0.06<		0.535	0.0040	0.530		0.003<		
820429	1125	48541	0.04<						0.003<		
	1310	48546		0.05							
	1445	62069			0.565	0.0050	0.560		0.003<		
820502	1315	62071		0.002	0.480	0.0050	0.475	0.53	0.003<	7.95	7.8
820504	1345	62072	0.05<		0.405	0.0350	0.370		0.003<		
820506	1145	48559	0.04<	0.008	0.415	0.0260	0.390	0.33	0.003<	8.18	9.2
	1400	62073			11.200	0.0040			0.003<		
820509	1145	62076		0.004<T	0.370	0.0510	0.320	0.43	0.003<	7.88	12.0
820511	1445	62077	0.04<		0.365	0.0600	0.305		0.003<		
820513	1700	62079			0.310	0.0100	0.300		0.003<		
820516	1615	62081		0.008	0.350	0.0540	0.295	0.75	0.005	7.99	9.6
820517	1115	62082	0.05<		0.265	0.0140	0.250		0.008		
820518	1445	62084			0.275	0.0300	0.245				
820524	1300	62086		0.040	0.320	0.0330	0.285	0.33	0.003<	7.80	8.0
820525	1430	62087	0.08<		0.225	0.0170	0.205		0.003<		
820526	1200	62089				0.0270			0.003<		
820603	1200	62091		0.020	0.310	0.0020	0.310	0.40	0.005	7.96	4.6
820607	1545	62093	0.04<		0.550	0.0020	0.550		0.004		
820623	1100	62095			0.340	0.0105	0.330		0.003<		
820629	1320	48646	0.02<	0.024	0.265	0.0210	0.245	0.41	0.003<	7.81	1.6
820706		62097	0.05<		0.305	0.0015<T	0.305		0.008		1.6
820721	1210	48699	0.04	0.048	0.205	0.0250	0.180	0.34	0.003<	8.18	2.4
820722	1245	62099			0.360	0.0055	0.355		0.003<		
820805	1300	62101	0.03<		0.380	0.0200	0.360		0.003<		
820819	1545	62103	0.03<	0.004<T	0.245	0.0020	0.243	0.35	0.003<	8.24	1.8
820830	1110	48752	0.04<	0.006	0.170	0.0040	0.166	0.31	0.004	8.28	4.2

(C O N T D)

STORET CODE: 02
004
5130

(C O N T D)

B.O.W./ SITE: TWELVE MILE CREEK
 SAMPLE POINT: AT LAKEPORT ROAD ST CATHARINES
 STATION TYPE: RIVER

STATION ID: 06-0017-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TWELVE MILE CREEK

STORET CODE: 02
 004
 5130

LAT: 43 12 05.52 LONG: 079 15 56.63 U T M: 17 0640900.0 4784440.0 4 REGION: 02 DISTANCE: 1.287

*=INTERIM		TEST-NAME:	PP04FR	PPUT	PSAMF	PSAMFB	P1ALDR	P1ALDR	P1ALDR	P1BHCA	P1BHCA	P1BHCA
			P04	PHOSPHOR	PSEUDOMN	PSEUDOMN						
		FIL.REAC	UNF.TOT.	AERUG.	AERUG.							
SAMPLE		MG/L	MG/L	MF	MF BKGD							
LATE	HOUR	AS P	AS P	CNT	CNT	ALDRIN	ALDRIN	ALDRIN	BHC	BHC	BHC	
YYMMDD	LMT	NUMBER	AS P	/100ML	/100ML	NG/L	NG/G DRY	NG/G WET	ALPHA	ALPHA	ALPHA	
									NG/L	NG/G DRY	NG/G WET	
820104	1500	62001	0.007	0.072								
820107	1300	48308		0.175	20<=>	10<=>						
820112	1500	62003	0.010	0.051								
820119	1515	62004	0.014	0.040								
820125	1230	62005	0.008									
820201	1615	62006	0.009	0.013								
820204	1410	48364	0.020	0.032	8	192						
820208	1230	62007	0.011	0.053								
820214	1630	62008	0.010	0.033								
820216	1415	62009	0.008	0.070								
820218	1100	62010	0.006	0.014								
	1110	48393		0.029								
820221	1600	62012	0.005	0.017								
820223	1615	62014	0.007	0.025								
820225	1430	62015	0.003	0.060								
820228	1515	62016	0.003	0.011								
820301	1145	48413	0.001	0.014	10<	10<						
820302	1615	62019	0.002	0.025								
820304	1230	62021	0.003	0.028								
820307	1300	62023	0.004	0.063								
820309	1700	62025	0.008	0.019								
820311	1600	62027	0.012	0.033								
820314	1330	62029	0.017	0.093								
820316	1530	62031	0.012	0.045								
820318	1010	48453		0.050								
	1200	62033	0.011	0.070								
820321	1345	62035	0.005	0.045								
820325	1045	48472		0.018								
	1215	62039	0.010	0.045								
820328	1445	62041	0.015	0.045								
820330	1645	62043	0.006	0.048								
820401	1110	48476		0.088								
	1415	62044	0.023	0.085								
820405	1600	62046	0.013	0.065								
820406	1515	62047	0.0070									
820407	1045	62048	0.0060	0.035								
	1145	48480	0.0050	0.038	380	120						
	1615	62049	0.0050	0.033								
820408	1200	62051	0.0135	0.091								
820411	1115	62053	0.0040	0.059								

(C O N T D)

B.O.W./ SITE: TWELVE MILE CREEK
 SAMPLE POINT: AT LAKEPORT ROAD ST CATHARINES
 STATION TYPE: RIVER

STATION ID: 06-0017-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TWELVE MILE CREEK

STORET CODE: 02
 004
 5130

LAT: 43 12 05.52 LONG: 079 15 56.63 U T M: 17 0640900.0 4784440.0 4 REGION: 02 DISTANCE: 1.287

*=INTERIM TEST-NAME:		PP04FR	PPUT	PSAMF PSEUDOMN AERUG.	PSAMFB PSEUDOMN AERUG.	P1ALDR	P1ALDR	P1ALDR	P1BHCA	P1BHCA	P1BHCA
SAMPLE DATE	HOUR YYMMDD LMT	P04 FIL.REAC MG/L AS P	PHOSPHOR UNF.TOT. MG/L AS P	MF CNT /100ML	MF BKGD CNT /100ML	ALDRIN NG/L	ALDRIN NG/G DRY	ALDRIN NG/G WET	BHC ALPHA NG/L	BHC ALPHA NG/G DRY	BHC ALPHA NG/G WET
820413	1145	62054	0.0120	0.070							
	1745	62055	0.0040	0.072							
820414	1145	62056	0.0070	0.022							
820415	1500	52059	0.0560	0.085							
820418	1515	62061		0.182							
820420	1515	62062		0.118							
820422	1230	48513		0.050							
	1445	62064	0.0120	0.047							
820425	1200	62066	0.0110	0.041							
820427	1445	62067	0.0100	0.048							
820429	1125	48541		0.055		1<W			5		
	1310	48546									
	1445	62069	0.0130	0.055				1<W			1<W
820502	1315	62071	0.0140	0.058							
820504	1345	62072	0.0110	0.075							
820506	1145	48559	0.0080	0.038	260<=>	3300					
820509	1145	62076	0.0260	0.055							
820511	1445	62077	0.0410	0.080							
820513	1700	62079	0.0440	0.070							
820516	1615	62081	0.0100	0.052							
820517	1115	62082	0.0070	0.035							
820518	1445	62084	0.0120	0.015							
820524	1300	62086	0.0120	0.019							
820525	1430	62087	0.0080	0.020							
820526	1200	62089	0.0090	0.028							
820603	1200	62091	0.0150	0.070							
820607	1545	62093	0.0090	0.048							
820623	1100	62095	0.0100	0.053							
820629	1320	48646	0.0080	0.054	870	110					
820706		62097	0.0170	0.092							
820721	1210	48699	0.0090	0.041	150<=>	24000					
820722	1245	62099	0.0120	0.070							
820805	1300	62101	0.0125	0.036							
820819	1545	62103	0.0090	0.052							
820830	1110	48752	0.0055	0.032	20<	20<=>					
820908	1545	62105	0.0080	0.031							
820909	1415	48833	0.0050	0.037	40<=>	180					
821005	1335	48848	0.0060	0.034	90<=>	1000					
821006	1215	62109	0.0025<T	0.031							
821020	1230	62111	0.0080	0.050							

(C O N T D)

B.O.W./ SITE: TWELVE MILE CREEK
 SAMPLE POINT: AT LAKEPORT ROAD ST CATHARINES
 STATION TYPE: RIVER

STATION ID: 06-0017-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TWELVE MILE CREEK

STORET CODE: 02
 004
 5130

LAT: 43 12 05.52 LONG: 079 15 56.63 U T M: 17 0640900.0 4784440.0 4 REGION: 02 DISTANCE: 1.287

*=INTERIM TEST-NAME:		PP04FR	PPUT	PSAMF	PSAMFB	P1ALDR	P1ALDR	P1ALDR	P1BHCA	P1BHCA	P1BHCA
		P04	PHOSPHOR	PSEUDOMN	PSEUDOMN						
		FIL.REAC	UNF.TOT.	AERUG.	AERUG.				BHC	BHC	BHC
		MG/L	MG/L	MF	MF BKGD				ALPHA	ALPHA	ALPHA
SAMPLE				CNT	CNT	ALDRIN	ALDRIN	ALDRIN	NG/L	NG/G DRY	NG/G WET
DATE	HOUR	SAMPLE				NG/L	NG/G DRY	NG/G WET			
YYMMDD	LMT	NUMBER	AS P	AS P	/100ML	/100ML					
821021	0830	48887		0.042							
821028	1045	48897					1<W			1<W	
821104	1320	48908		0.035							
821109	1715	68113	0.0090	0.040							
821118	1300	48933	0.0100	0.040	10<	10<					
821123	1730	62115	0.0105	0.043							
821209	1145	62117	0.0120	0.063							
	1430	48972		0.045							
821222	1330	62119	0.0120	0.077							
821229	1150	48983	0.0150	0.037	10<=>	100					
		MAXIMUM	0.0560	0.182	870	24000	1	1	1	5	1
		ARITH MEAN	0.011 <A	0.051	203	2903	1<A	1<A	1<A	5	1<A
		GEOM MEAN	0.009 <A	0.044							
		MINIMUM	0.001	0.011	8	10	1	1	1	5	1
		STD DEV (GEOM *)	0.009 <A	0.029							
		# SAMP IN STATISTICS	76	86	9	10	1	1	1	1	1
		% SAMP (EXCLUDED)			25	16					

*=INTERIM TEST-NAME:		P1BHCB	P1BHCB	P1BHCB	P1BHCG	P1BHCG	P1BHCG	P1CHLA	P1CHLA	P1CHLA	P1CHLG
		BHC	BHC	BHC	BHC	BHC	BHC	CHLRDANE	CHLRDANE	CHLRDANE	CHLRDANE
		BETA	BETA	BETA	GAMMA	GAMMA	GAMMA	ALPHA	ALPHA	ALPHA	GAMMA
		NG/L	NG/G DRY	NG/G WET	NG/L	NG/G DRY	NG/G WET	NG/L	NG/G DRY	NG/G WET	NG/L
820429	1125	48541	1<W		1			2<W			2<W
	1310	48546		1<W		1<W				2<W	
821028	1045	48897		1<W		1<W		2<W			
		MAXIMUM	1	1	1	1	1	2	2	2	2
		ARITH MEAN	1<A	1<A	1<A	1	1<A	2<A	2<A	2<A	2<A
		GEOM MEAN									
		MINIMUM	1	1	1	1	1	2	2	2	2
		STD DEV (GEOM *)									
		# SAMP IN STATISTICS	1	1	1	1	1	1	1	1	1
		% SAMP (EXCLUDED)									

(C O N T D)

B.O.W./ SITE: TWELVE MILE CREEK
 SAMPLE POINT: AT LAKEPORT ROAD ST CATHARINES
 STATION TYPE: RIVER

STATION ID: 06-0017-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TWELVE MILE CREEK

STORET CODE: 02
 004
 5130

LAT: 43 12 05.52 LONG: 079 15 56.63 U T M: 17 0640900.0 4784440.0 4 REGION: 02 DISTANCE: 1.287

*=INTERIM TEST-NAME:			P1CHLG	P1CHLG	P1DIEL	P1DIEL	P1DIEL	P1DMDT	P1DMDT	P1DMDT	P1ENDR	P1ENDR	
SAMPLE DATE	YMMDD	HOUR LMT	SAMPLE NUMBER	CHLRDANE GAMMA NG/G DRY	CHLRDANE GAMMA NG/G WET	DIELDRIN NG/L	DIELDRIN NG/G DRY	DIELDRIN NG/G WET	DMDT MTHXYLLR NG/L	DMDT MTHXYLLR NG/G DRY	DMDT MTHXYLLR NG/G WET	ENDRIN NG/L	ENDRIN NG/G DRY
820429	1125		48541			2<W			5<W			4<W	
	1310		48546		2<W			2<W			5<W		
821028	1045		48897	2<W			2<W			5<W			4<W
MAXIMUM			2	2	2	2	2	5	5	5	4	4	
ARITH MEAN			2<A	2<A	2<A	2<A	2<A	5<A	5<A	5<A	4<A	4<A	
GEOM MEAN													
MINIMUM			2	2	2	2	2	5	5	5	4	4	
STD DEV (GEOM *)													
# SAMP IN STATISTICS			1	1	1	1	1	1	1	1	1	1	
% SAMP (EXCLUDED)													

*=INTERIM TEST-NAME:			P1ENDR	P1ENDS	P1ENDS	P1ENDS	P1END1	P1END1	P1END1	P1END2	P1END2	P1END2	
SAMPLE DATE	YMMDD	HOUR LMT	SAMPLE NUMBER	ENDRIN NG/G WET	ENDOSULP SULPHATE NG/L	ENDOSULP SULPHATE NG/G DRY	ENDOSULP SULPHATE NG/G WET	ENDOSULP I NG/L	ENDOSULP I NG/G DRY	ENDOSULP I NG/G WET	ENDOSULP II NG/L	ENDOSULP II NG/G DRY	ENDOSULP II NG/G WET
820429	1125		48541		4<W			2<W			4<W		
	1310		48546	2<W			4<W			2<W			4<W
821028	1045		48897			4<W			2<W			4<W	
MAXIMUM			2	4	4	4	2	2	2	4	4	4	
ARITH MEAN			2<A	4<A	4<A	4<A	2<A	2<A	2<A	4<A	4<A	4<A	
GEOM MEAN													
MINIMUM			2	4	4	4	2	2	2	4	4	4	
STD DEV (GEOM *)													
# SAMP IN STATISTICS			1	1	1	1	1	1	1	1	1	1	
% SAMP (EXCLUDED)													

(C O N T D)

B.O.W./ SITE: TWELVE MILE CREEK
 SAMPLE POINT: AT LAKEPORT ROAD ST CATHARINES
 STATION TYPE: RIVER

STATION ID: 06-0017-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TWELVE MILE CREEK

STORET CODE: 02
 004
 5130

LAT: 43 12 05.52 LONG: 079 15 56.63 U T M: 17 0640900.0 4784440.0 4 REGION: 02 DISTANCE: 1.287

*=INTERIM TEST-NAME: P1HEPE P1HEPE P1HEPE P1HEPT P1HEPT P1HEPT P1MIRX P1MIRX P1MIRX P1OCHL

SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	HEPE NG/L	HEPE NG/G DRY	HEPE NG/G WET	HEPACHOR NG/L	HEPACHOR NG/G DRY	HEPACHOR NG/G WET	MIREX NG/L	MIREX NG/G DRY	MIREX NG/G WET	OXCHLANE NG/L
820429	1125	48541	1<W			1<W			5<W			2<W
	1310	48546			1<W			1<W			500<W	
821028	1045	48897		1<W			1<W			500<W		
		MAXIMUM	1	1	1	1	1	1	5	500	500	2
		ARITH MEAN	1<A	1<A	1<A	1<A	1<A	1<A	5<A	500<A	500<A	2<A
		GEOM MEAN										
		MINIMUM	1	1	1	1	1	1	5	500	500	2
		STD DEV (GEOM *)										
		# SAMP IN STATISTICS	1	1	1	1	1	1	1	1	1	1
		% SAMP (EXCLUDED)										

*=INTERIM TEST-NAME: P1OCHL P1OCHL P1OPDT P1OPDT P1OPDT P1PCBT P1PCBT P1PCBT P1PPDD P1PPDD

SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	OXCHLANE NG/G DRY	OXCHLANE NG/G WET	OP-DDT NG/L	OP-DDT NG/G DRY	OP-DDT NG/G WET	PCB TOTAL NG/L	PCB TOTAL NG/G DRY	PCB TOTAL NG/G 4:1 1254:60	PP-DDD NG/L	PP-DDD NG/G DRY
820429	1125	48541			5<W			20<W			5<W	
	1310	48546		2<W			5<W			20<W		
821028	1045	48897	2<W			5<W		20<W				5<W
		MAXIMUM	2	2	5	5	5	20	20	20	5	5
		ARITH MEAN	2<A	2<A	5<A	5<A	5<A	20<A	20<A	20<A	5<A	5<A
		GEOM MEAN										
		MINIMUM	2	2	5	5	5	20	20	20	5	5
		STD DEV (GEOM *)										
		# SAMP IN STATISTICS	1	1	1	1	1	1	1	1	1	1
		% SAMP (EXCLUDED)										

(C O N T D)

B.O.W./ SITE: TWELVE MILE CREEK
 SAMPLE POINT: AT LAKEPORT ROAD ST CATHARINES
 STATION TYPE: RIVER

STATION ID: 06-0017-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TWELVE MILE CREEK

STORET CODE: 02
 004
 5130

LAT: 43 12 05.52 LONG: 079 15 56.63 U T M: 17 0640900.0 4784440.0 4 REGION: 02 DISTANCE: 1.287

*=INTERIM TEST-NAME:		P1PPDD	P1PPDE	P1PPDE	P1PPDE	P1PPDT	P1PPDT	P1PPDT	RSF	RSP	TCMF COLIFORM TOTAL MF CNT /100ML
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	PP-DDD NG/G WET	PP-DDE NG/L	PP-DDE NG/G DRY	PP-DDE NG/G WET	PP-DDT NG/L	PP-DDT NG/G DRY	PP-DDT NG/G WET	RESIDUE FILTERED MG/L	RESIDUE PARTIC. MG/L
820104	1500	62001									36.4
820107	1300	48308								208	26.7
820112	1500	62003									41.0
820119	1515	62004									30.6
820125	1230	62005									8.0
820201	1615	62006									7.0
820204	1410	48364								205	6.4
820208	1230	62007									5.9
820214	1630	62008									6.2
820216	1415	62009									19.9
820218	1100	62010									5.5
	1110	48393									3.4
820221	1600	62012									4.1
820223	1615	62014									4.2
820225	1430	62015									17.6
820228	1515	62016									4.4
820301	1145	48413								221	3.9
820302	1615	62019									9.4
820304	1230	62021									5.2
820307	1300	62023									8.9
820309	1700	62025									3.4
820311	1600	62027									15.2
820314	1330	62029									46.8
820316	1530	62031									16.9
820318	1010	48453									10.0
	1200	62033									20.7
820321	1345	62035									27.0
820325	1045	48472									5.5
	1215	62039									7.2
820328	1445	62041									7.9
820330	1645	62043									11.4
820401	1110	48476									22.0
	1415	62044									24.4
820405	1600	62046									19.6
820406	1515	62047									29.600
820407	1045	62048									16.600
	1145	48480								211.0	11.700
	1615	62049									12.900
820408	1200	62051									10.500
820411	1115	62053									21.600

(C O N T D)

B.O.W./ SITE: TWELVE MILE CREEK
 SAMPLE POINT: AT LAKEPORT ROAD ST CATHARINES
 STATION TYPE: RIVER

STATION ID: 06-0017-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TWELVE MILE CREEK

STORET CODE: 02
 004
 5130

LAT: 43 12 05.52 LONG: 079 15 56.63 U T M: 17 0640900.0 4784440.0 4 REGION: 02 DISTANCE: 1.287

=INTERIM TEST-NAME:		P1PPDD	P1PPDE	P1PPDE	P1PPDE	P1PPDT	P1PPDT	P1PPDT	RSF	RSP	TCMF COLIFORM TOTAL MF CNT /100ML
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	PP-DDD NG/G WET	PP-DDE NG/L	PP-DDE NG/G DRY	PP-DDE NG/G WET	PP-DDT NG/L	PP-DDT NG/G DRY	PP-DDT NG/G WET	RESIDUE FILTERED MG/L	RESIDUE PARTIC. MG/L
820413	1145	62054									16.100
	1745	62055									20.500
820414	1145	62056									23.600
	1645	62057									21.300
820415	1500	52059									19.500
820418	1515	62061									18.100
820420	1515	62062									37.600
820422	1230	48513									10.600
	1445	62064									18.900
820425	1200	62066									22.500
820427	1445	62067									26.200
820429	1125	48541		1			5<W				14.400
	1310	48546	5<W			1<W			5<W		
	1445	62069									26.500
820502	1315	62071									20.300
820504	1345	62072									15.300
820506	1145	48559							190.0		14.300
	1400	62073									9.730
820509	1145	62076									11.600
820511	1445	62077									3.610
820513	1700	62079									14.200
820516	1615	62081									12.800
820517	1115	62082									13.700
820518	1445	62084									18.800
820524	1300	62086									20.400
820525	1430	62087									21.100
820526	1200	62089									17.100
820603	1200	62091									17.700
820607	1545	62093									20.800
820623	1100	62095									31.500
820629	1320	48646							196.0		22.400
820706		62097									25.000
820721	1210	48699							193.0		22.000
820722	1245	62099									35.900
820805	1300	62101									15.500
820819	1545	62103									28.200
820830	1110	48752							192.0		20.400
820908	1545	62105									28.200
820909	1415	48833							192.0		23.700
820923	1200	68107									6.390

(C O N T D)

B.O.W./ SITE: TWELVE MILE CREEK
 SAMPLE POINT: AT LAKEPORT ROAD ST CATHARINES
 STATION TYPE: RIVER

STATION ID: 06-0017-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TWELVE MILE CREEK

STORET CODE: 02
 004
 5130

LAT: 43 12 05.52 LONG: 079 15 56.63 U T M: 17 0640900.0 4784440.0 4 REGION: 02 DISTANCE: 1.287

*=INTERIM TEST-NAME:		P1PPDD	P1PPDE	P1PPDE	P1PPDE	P1PPDT	P1PPDT	P1PPDT	RSF	RSP	TCMF COLIFORM TOTAL MF CNT /100ML
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	PP-DDD NG/G WET	PP-DDE NG/L	PP-DDE NG/G DRY	PP-DDE NG/G WET	PP-DDT NG/L	PP-DDT NG/G DRY	PP-DDT NG/G WET	RESIDUE FILTERED MG/L	RESIDUE PARTIC. MG/L
821005	1335	48848								192.0	13.900
821006	1215	62109									22.800
821020	1230	62111									3.260
821021	0830	48887									18.400
821028	1045	48897			2			5<W			
821104	1320	48908									16.200
821109	1715	68113									11.000
821118	1300	48933								205.0	21.900
821123	1730	62115									23.900
821209	1145	62117									22.900
	1430	48972									20.100
821222	1330	62119									13.200
821229	1150	48983								197.0	16.800
		MAXIMUM	5	1	2	1	5	5	5	221	46.8
		ARITH MEAN	5<A	1	2	1<A	5<A	5<A	5<A	200	17.2
		GEOM MEAN								200	14.5
		MINIMUM	5	1	2	1	5	5	5	190.0	3.260
		STD DEV (GEOM *)								10	9.2
		# SAMP IN STATISTICS	1	1	1	1	1	1	1	12	91
		% SAMP (EXCLUDED)									11
											8

*=INTERIM TEST-NAME:		TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	X2HCB	X2HCB	X2HCB	ZNUT ZINC UNF.TOT. MG/L AS ZN
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	HCB NG/L	HCB NG/G DRY	HCB NG/G WET	
820107	1300	48308	13000			0.006
820204	1410	48364	32000			0.006
820218	1110	48393				0.004
820301	1145	48413	11600			0.002
820311	1255	48441				0.006U
820318	1010	48453				0.007U
820325	1045	48472				0.016
820401	1110	48476				0.008
820407	1145	48480	6300			0.003<
820415	1415	48499				0.003
820422	1230	48513				0.004U

(C O N T D)

B.O.W./ SITE: TWELVE MILE CREEK
 SAMPLE POINT: AT LAKEPORT ROAD ST CATHARINES
 STATION TYPE: RIVER

STATION ID: 06-0017-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TWELVE MILE CREEK

STORET CODE: 02
 004
 5130

LAT: 43 12 05.52 LONG: 079 15 56.63 U T M: 17 0640900.0 4784440.0 4 REGION: 02 DISTANCE: 1.287

*INTERIM TEST-NAME:		TCMFBK	X2HCB	X2HCB	X2HCB	ZNUT
		COLIFORM				ZINC
		TOTAL MF				UNF.TOT.
SAMPLE		BCKGRD				MG/L
DATE	HOUR	CNT	HC	HC	HC	AS ZN
YYMMDD	LMT	NUMBER	NG/L	NG/G DRY	NG/G WET	
820429	1125	48541	1<W			0.003
	1310	48546			1<W	
820506	1145	48559				0.005
820629	1320	48646				0.006
820721	1210	48699				0.004
820830	1110	48752				0.005
820909	1415	48833				0.002
821005	1335	48848				0.011
821021	0830	48887				0.003
821028	1045	48897		1<W		
821104	1320	48908				0.010
821118	1300	48933				0.005
821209	1430	48972				0.006
821229	1150	48983				0.007
MAXIMUM		110000	1	1	1	0.016
ARITH MEAN		35236	1<A	1<A	1<A	0.006
GEOM MEAN						
MINIMUM		1300	1	1	1	0.002
STD DEV (GEOM *)						
# SAMP IN STATISTICS		11	1	1	1	22
% SAMP (EXCLUDED)		8				4

B.O.W./ SITE: TWELVE MILE CREEK
 SAMPLE POINT: WELLANDVALE AVE ST CATHARINES
 STATION TYPE: RIVER

STATION ID: 06-0017-002-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TWELVE MILE CREEK

STORET CODE: 02
 004
 5130

LAT: 43 09 38.10 LONG: 079 15 39.77 U T M: 17 0641375.0 4779900.0 4 REGION: 02 DISTANCE: 5.472

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	BOD5	CAUR	CDUT	CLIDUR	COD	CONDAM	COND25
				ALK	BOD	CALCIUM	CADMIUM	CHLORIDE	CHEM. OX	CONDUCT.	CONDUCT.
				TOTAL	5 DAY	UNF.REAC	UNF.TOT.	UNF.REAC	DEMAND	AMBIENT	25C
SAMPLE	DATE	SAMPLE	PROJECT	MG/L	TOT.DEM.	MG/L	MG/L	MG/L	MG/L	UMHO/CM	UMHO/CM
DATE	HOUR	DEPTH	SUB-PROJ	AS CAC03	AS O	AS CA	AS CD	AS CL	AS O	AMBIENT	AT 25 C
YYMMDD	LMT	NUMBER	CODE								
820107	1245	48307	0101	100	2.6	39.0	0.0003	20.50	0		330
820218	1125	48394	0101	99	2.0	35.0	0.0001<	21.50	14		327
820318	1235	48454	0101	98	1.6	32.0	0.0003	21.50	14		333
820422	1215	48514	0101	96.6	1.70	58.1	0.0002<	18.50	4		310.0
820520	1345	48590	0101	90.4	1.34	34.2	0.0002<	16.60	12		279.0
820629	1215	48645	0101	98.5	0.98	37.7	0.0002<	19.50	12		303.0
820721	1150	48698	0101	97.3	0.80	37.2	0.0002<	18.80	12		294.0
820830	1050	48751	0101	99.3	0.89	33.9	0.0002	17.40	12	89	297.0
820909	1345	48832	0101	100.6	2.16	34.8	0.0003	17.40	20		298.0
821021	0755	48886	0101	105.0	0.45	38.3	0.0005	18.30	18.8		323.0
821118	1240	48930	0101	103.3	2.00	40.1	0.0002<	18.20	3.6<T		316.0
821229	1205	48984	0101	99.9	0.84	39.6	0.0002<	16.90	7.6		303.0
MAXIMUM		0.30		105.0	2.6	58.1	0.0005	21.50	20	89	333
ARITH MEAN		0.30		99	1.4	38.3	0.0003	18.76	11 <A	89	309
GEOM MEAN				99	1.3	37.9		18.69			309
MINIMUM		0.30		90.4	0.45	32.0	0.0002	16.60	0	89	279.0
STD DEV (GEOM *)				4	0.7	6.7		1.68			17
# SAMP IN STATISTICS		12		12	12	12	5	12	12	1	12
% SAMP (EXCLUDED)							58				

*=INTERIM TEST-NAME:		CRUT	CUUT	DO	DOC	FCMF	FSMF	FWPH	FWSTRC	FWTEMP	HARDT
		CHROMIUM	COPPER	DISOLVED	CARBON	FECAL	FECAL				HARDNESS
		UNF.TOT.	UNF.TOT.	OXYGEN	ORGANIC	COLIFORM	STREPCUS			WATER	TOTAL
		MG/L	MG/L	MG/L	MG/L	MF	MF			TEMP	MG/L
SAMPLE	DATE	AS CR	AS CU	AS O	AS C	CNT	CNT	PH	STREAM	DEG.C	AS CAC03
DATE	HOUR					/100ML	/100ML	FIELD	COND.		
YYMMDD	LMT	NUMBER									
820107	1245	48307	0.002	0.005	12.40	2.5	1210	490	7.50	8	130
820218	1125	48394	0.001	0.003	14.00	2.8	710	90<=>	7.85	8 0	118
820318	1235	48454	0.002	0.004	12.80	3.4	1000<=>	250	7.25	5	111
820422	1215	48514	0.002<	0.005U	14.20	2.7	1470	180	7.30	8 0	207.0
820520	1345	48590	0.002	0.005	14.60	2.5	480	140<=>		8	118.0
820629	1215	48645	0.001<	0.014	12.20	2.9	9800	1200	8.10	8	128.0
820721	1150	48698	0.004	0.007	8.30	2.2	400	570	7.95	8	128.0
820830	1050	48751	0.002	0.008	8.70		500<=>	320	7.90	8 9	121.0
820909	1345	48832	0.002	0.009	9.10	2.5	330<=>	690	8.15	8 9	125.0
821021	0755	48886	0.001<	0.004	9.70	2.7	3000>	180<=>	8.00	8 9	133
821118	1240	48930	0.002	0.010	11.20	2.4	420	100<=>	8.15	8	134.0
821229	1205	48984	0.001<	0.005	12.80	2.4	540	60<=>	8.10	8	135.0

(C O N T D)

B.O.W./ SITE: TWELVE MILE CREEK
 SAMPLE POINT: WELLANDVALE AVE ST CATHARINES
 STATION TYPE: RIVER

STATION ID: 06-0017-002-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TWELVE MILE CREEK

STORET CODE: 02
 004
 5130

LAT: 43 09 38.10 LONG: 079 15 39.77 U T M: 17 0641375.0 4779900.0 4 REGION: 02 DISTANCE: 5.472

*INTERIM TEST-NAME:		CRUT	CUUT	DO	DOC CARBON	FCMF FECAL COLIFORM	FSMF FECAL STREPCUS	FWPH	FWSTRC	FWTEMP	HARDT
SAMPLE		CHROMIUM UNF.TOT.	COPPER UNF.TOT.	DISOLVED OXYGEN	DISOLVED ORGANIC	MF	MF			WATER TEMP	HARDNESS TOTAL
DATE	HR	MG/L	MG/L	MG/L	MG/L	CNT	CNT	PH	STREAM COND.	DEG.C	MG/L
YYMMDD	LMT	AS CR	AS CU	AS O	AS C	/100ML	/100ML	FIELD	COND.		AS CAC03
MAXIMUM		0.004	0.014	14.60	3.4	9800	1200	8.15		21.0	207.0
ARITH MEAN		0.002	0.007	11.67	2.6	1533	356	7.84		9.8	132
GEOM MEAN			0.006	11.46	2.6		244	7.83		6.4	131
MINIMUM		0.001	0.003	8.30	2.2	330	60	7.25		1.0	111
STD DEV (GEOM *)			0.003	2.23	0.3		2*	0.34		7.6	25
# SAMP IN STATISTICS		8	12	12	11	11	12	11		12	12
% SAMP (EXCLUDED)		33				8					

*INTERIM TEST-NAME:		MGUR	NIUT	NNHTFR NH3-N TOTAL	NNOTFR	NN02FR	NN03FR	NNTKUR K'DAHL N TOTAL	PBUT	PH	PHNOL
SAMPLE		MAGNESIM FIL.REAC	NICKEL UNF.TOT.	FIL.REAC	NO2+NO3N FIL.REAC	NO2-N FIL.REAC	NO3-N FIL.REAC	FIL.TOT.	LEAD UNF.TOT.		PHENOLS UNF-REAC
DATE	HR	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	PH	UG/L
YYMMDD	LMT	AS MG	AS NI	AS N	AS N	AS N	AS N	AS N	AS PB		PHENOL
820107	1245	48307	8.00	0.006	0.026	0.255	0.007	0.250	0.28	0.007	17
820218	1125	48394	7.50	0.004	0.038	0.250	0.008	0.240	0.38	0.003<	15
820318	1235	48454	7.50	0.004	0.040	0.300	0.007	0.295	0.48	0.003<	28
820422	1215	48514	15.00	0.002U	0.006<T	0.450	0.0050	0.445	0.45	0.004U	19.0
820520	1345	48590	7.96	0.001<	0.004<T	0.310	0.0410	0.270	0.33	0.003<	8.8
820629	1215	48645	8.20	0.002	0.030	0.260	0.0250	0.235	0.43	0.003<	1.8
820721	1150	48698	8.60	0.003	0.030	0.225	0.0290	0.196	0.35	0.003<	3.6
820830	1050	48751	8.76	0.002	0.006	0.170	0.0015<T	0.168	0.33	0.004	7.4
820909	1345	48832	9.16	0.002	0.054	0.125	0.0095	0.116	0.34	0.004	4.4
321021	0755	48886	8.96	0.001	0.004<T	0.015	0.0020	0.273	0.31	0.001<	9.6
821118	1240	48930	8.30	0.004	0.002<T	0.360	0.0025<T	0.358	0.300	0.003<	8.0
821229	1205	48984	8.66	0.003	0.004<T	0.130	0.0140	0.116	0.290	0.004	0.6<T
MAXIMUM		15.00	0.006	0.054	0.450	0.0410	0.445	0.48	0.007	8.40	28
ARITH MEAN		8.88	0.003	0.020<A	0.237	0.013 <A	0.247	0.36	0.005	8.17	10 <A
GEOM MEAN		8.73		0.012<A	0.191	0.008 <A	0.230	0.35		8.17	7 <A
MINIMUM		7.50	0.001	0.002	0.015	0.0015	0.116	0.28	0.004	7.88	0.6
STD DEV (GEOM *)		2.00		0.018<A	0.116	0.013 <A	0.095	0.07		0.16	8 <A
# SAMP IN STATISTICS		12	11	12	12	12	12	12	5	12	12
% SAMP (EXCLUDED)			8						58		

(C O N T D)

B.O.W./ SITE: TWELVE MILE CREEK
 SAMPLE POINT: WELLANDVALE AVE ST CATHARINES
 STATION TYPE: RIVER

STATION ID: 06-0017-002-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TWELVE MILE CREEK

STORET CODE: 02
 004
 5130

LAT: 43 09 38.10 LONG: 079 15 39.77 U T M: 17 0641375.0 4779900.0 4 REGION: 02 DISTANCE: 5.472

*=INTERIM TEST-NAME:		PP04FR	PPUT	PSAMF PSEUDOMN AERUG. MF CNT /100ML	PSAMFB PSEUDOMN AERUG. MF BKG CNT /100ML	RSF RESIDUE FILTERED MG/L	RSP RESIDUE PARTIC. MG/L	SS04UR SULPHATE UNF.REAC MG/L AS S04	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	TURB TURB'ITY FTU	
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	P04 PHOSPHOR UNF.TOT. MG/L AS P									
820107	1245	48307	0.009	0.055		215	30.7	40.5	5300	18000	36.00	
820218	1125	48394	0.005	0.040	10<=>	213	4.2	29.5	4700	1500	3.10	
820318	1235	48454	0.002	0.060		216	10.7	34.0	13000	235000	12.90	
820422	1215	48514	0.0130	0.052		201.0	11.200	29.5	6200	8500	13.30	
820520	1345	48590	0.0080	0.045		181.0	19.500	26.2	2100	9000	15.30	
820629	1215	48645	0.0090	0.060		197.0	18.300	27.0	150000>	150000>	21.00	
820721	1150	48698	0.0110	0.053		258.0	31.900	27.3	16000	150000	25.00	
820830	1050	48751	0.0050	0.038		193.0	24.300	24.7	10000	30000	9.30	
820909	1345	48832	0.0050	0.033		194.0	21.600	26.0	26000<=>	380000	9.20	
821021	0755	48886	0.0000	0.182		210.0	20.000	30.6	31000	24000	14.20	
821118	1240	48930	0.0080	0.047		205.0	21.700	28.85	5500	3300	11.70	
821229	1205	48984	0.0140	0.041		196.0	14.100	27.58	2200	3100	16.50	
MAXIMUM			0.0140	0.182	10	110	258.0	31.900	40.5	31000	380000	36.00
ARITH MEAN			0.007	0.059	10	110	207	19.0	29.3	11091	78400	15.62
GEOM MEAN				0.052			206	17.0	29.1			13.48
MINIMUM			0.0000	0.033	10	110	181.0	4.2	24.7	2100	1500	3.10
STD DEV (GEOM *)				0.040			19	8.1	4.3			8.53
# SAMP IN STATISTICS			12	12	1	1	12	12	12	11	11	12
% SAMP (EXCLUDED)									8	8		

*=INTERIM TEST-NAME:		ZNUT	ZINC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	UNF.TOT. MG/L AS ZN
820107	1245	48307	0.004
820218	1125	48394	0.004
820318	1235	48454	0.004
820422	1215	48514	0.003U
820520	1345	48590	0.004
820629	1215	48645	0.005
820721	1150	48698	0.004
820830	1050	48751	0.005
820909	1345	48832	0.003
821021	0755	48886	0.001
821118	1240	48930	0.007
821229	1205	48984	0.004

(C O N T D)

B.O.W./ SITE: TWELVE MILE CREEK
SAMPLE POINT: WELLANDVALE AVE ST CATHARINES
STATION TYPE: RIVER

STATION ID: 06-0017-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TWELVE MILE CREEK

STORET CODE: 02
004
5130

LAT: 43 09 38.10 LONG: 079 15 39.77 U T M: 17 0641375.0 4779900.0 4 REGION: 02 DISTANCE: 5.472

*=INTERIM TEST-NAME: ZNUT
ZINC
SAMPLE UNF.TOT.
DATE HOUR SAMPLE MG/L
YYMMDD LMT NUMBER AS ZN

MAXIMUM 0.007
ARITH MEAN 0.004
GEOM MEAN 0.004
MINIMUM 0.001
STD DEV (GEOM *) 0.001
SAMP IN STATISTICS 12
% SAMP (EXCLUDED)

B.O.W./ SITE: TWELVE MILE CREEK
 SAMPLE POINT: AT GLENDALE AVE, ST CATHARINES
 STATION TYPE: RIVER

STATION ID: 06-0017-004-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TWELVE MILE CREEK

STORET CODE: 02
 004
 5130

LAT: 43 08 01.90 LONG: 079 15 02.66 U T M: 17 0642275.0 4776950.0 4 REGION: 02 DISTANCE: 8.690

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	CLIDUR	COD	COND25	DO	DOC	FCMF	FSMF	FVPH	
				CHLORIDE	CHEM. OX	CONDUCT.	DISOLVED	DISOLVED	FECAL	FECAL		
				UNF.REAC	DEMAND	25C	OXYGEN	ORGANIC	COLIFORM	STREPCUS		
				MG/L	MG/L	UMHO/CM	MG/L	MG/L	MF	MF	PH	
				AS CL	AS O	AT 25 C	AS O	AS C	CNT	CNT	FIELD	
SAMPLE	DATE	TIME	DEPTH	PROJECT								
YYMMDD	LMT	NUMBER	M	SUB-PROJ					/100ML	/100ML		
				CODE								
820107	1130	48305	0.30	0101	20.00	11	310	12.90	2.3	40<=>	110	7.55
820218	1150	48396	0.30	0101	20.50	4	320	13.50	2.2	10<	20<=>	8.00
820318	1205	48456	0.30	0101	20.50	14	325	13.40	2.6	10<=>	170	7.20
820422	1130	48516	0.30	0101	18.00	6	307.0	14.90	2.8	20<=>	10<=>	7.50
820520	1230	48588	0.30	0101	16.20	10	276.0	14.50	2.2	10<	10<	
820629	1110	48643	0.30	0101	18.50	8	294.0	12.40	2.2	10<=>	10<	8.20
820721	1115	48696	0.30	0101	18.60	10	294.0	8.40	2.0	10<	30<=>	8.10
820830	1015	48749	0.30	0101	17.30	12	294.0	8.60		20<	20<=>	8.05
820909	1255	48830	0.30	0101	17.20	14	292.0	9.00	2.2	10<	130	8.10
821021	0725	48884	0.30	0101	18.10	16.9	321.0	10.20	2.3	20<=>	10<	8.05
821118	1110	48928	0.30	0101	18.20	5.6	314.0	11.90	2.0	60<=>	10<=>	8.25
821229	1235	48986	0.30	0101	16.50	9.7	299.0	12.10	2.5	70<=>	10<=>	8.10
MAXIMUM		0.30			20.50	16.9	325	14.90	2.8	70	170	8.25
ARITH MEAN		0.30			18.30	10	304	11.82	2.3	33	57	7.92
GEOM MEAN					18.25	9	304	11.61	2.3			7.91
MINIMUM		0.30			16.20	4	276.0	8.40	2.0	10	10	7.20
STD DEV (GEOM *)					1.44	4	15	2.26	0.2			0.34
# SAMP IN STATISTICS		12			12	12	12	12	11	7	9	11
% SAMP (EXCLUDED)										41	25	

*=INTERIM TEST-NAME:		FWSTRC	FWTEMP	NNHTFR	NNOTFR	NNO2FR	NNO3FR	NNTKUR	PH	PP04FR	PPUT	
				NH3-N				K'DAHL N				
				TOTAL	NO2+NO3N	NO2-N	NO3-N	TOTAL		PO4	PHOSPHOR	
				FIL.REAC	FIL.REAC	FIL.REAC	FIL.REAC	FIL.TOT.		FIL.REAC	UNF.TOT.	
				MG/L	MG/L	MG/L	MG/L	MG/L		MG/L	MG/L	
				AS N	AS N	AS N	AS N	AS N	PH	AS P	AS P	
SAMPLE	DATE	TIME	STREAM	WATER								
YYMMDD	LMT	NUMBER	COND.	TEMP								
				DEG.C								
820107	1130	48305	3	2.2	0.016	0.300	0.010	0.290	0.18	8.27	0.016	0.048
820218	1150	48396	5	1.0	0.024	0.275	0.004	0.270	0.23	8.28	0.005	0.029
820318	1205	48456	8	1.0	0.058	0.315	0.011	0.305	0.45	8.02	0.005	0.042
820422	1130	48516	8	2.5	0.002<W	0.460	0.0005<T	0.460	0.38	8.21	0.0110	0.060
820520	1230	48588	8	8.5	0.042	0.310	0.0440	0.265	0.32	8.17	0.0080	0.044
820629	1110	48643	8	16.5	0.002<T	0.240	0.0355	0.205	0.28	8.26	0.0060	0.040
820721	1115	48696	8	20.5	0.016	0.235	0.0330	0.202	0.30	8.29	0.0090	0.048
820830	1015	48749	8 9	18.0	0.002<T	0.170	0.0060	0.165	0.31	8.30	0.0050	0.028
820909	1255	48830	8	19.5	0.032	0.115	0.0060	0.109	0.29	8.43	0.0020<T	0.023
821021	0725	48884	8 9	12.0	0.004<T	0.300	0.0035	0.027	0.39	8.34	0.1650	0.210
821118	1110	48928	8	7.0	0.002<T	0.380	0.0020	0.378	0.275	8.26	0.0100	0.048
821229	1235	48986	8	5.0	0.004<T	0.130	0.0160	0.114	0.225	8.22	0.0100	0.035

(C O N T D)

B.O.W./ SITE: TWELVE MILE CREEK
 SAMPLE POINT: AT GLENDALE AVE, ST CATHARINES
 STATION TYPE: RIVER

STATION ID: 06-0017-004-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TWELVE MILE CREEK

STORET CODE: 02
 004
 5130

LAT: 43 08 01.90 LONG: 079 15 02.66 U T M: 17 0642275.0 4776950.0 4 REGION: 02 DISTANCE: 8.690

*=INTERIM TEST-NAME:		FWSTRC	FWTEMP	NNHTFR NH3-N TOTAL	NNOTFR NO2+NO3N	NNO2FR NO2-N	NNO3FR NO3-N	NNTKUR K'DAHL N TOTAL	PH	PP04FR P04 FIL.REAC	PPUT PHOSPHOR UNF.TOT.	
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	PH	FIL.REAC MG/L AS P	UNF.TOT. MG/L AS P	
MAXIMUM				20.5	0.058	0.460	0.0440	0.460	0.45	8.43	0.1650	0.210
ARITH MEAN				9.5	0.017<A	0.269	0.014 <A	0.232	0.30	8.25	0.021 <A	0.055
GEOM MEAN				6.0	0.008<A	0.250	0.008 <A	0.192	0.29	8.25	0.009 <A	0.045
MINIMUM				1.0	0.002	0.115	0.0005	0.027	0.18	8.02	0.0020	0.023
STD DEV (GEOM *)				7.5	0.019<A	0.100	0.015 <A	0.121	0.08	0.10	0.045 <A	0.050
# SAMP IN STATISTICS				12	12	12	12	12	12	12	12	12
% SAMP (EXCLUDED)												

*=INTERIM TEST-NAME:		PSAMF PSEUDOMN AERUG.	PSAMFB PSEUDOMN AERUG.	RSF	RSP	TCMF COLIFORM TOTAL	TCMFBK COLIFORM TOTAL MF	TURB	
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	MF CNT /100ML	MF BKGD CNT /100ML	RESIDUE FILTERED MG/L	RESIDUE PARTIC. MG/L	MF CNT /100ML	BCKGRD CNT /100ML	TURB'ITY FTU
820107	1130	48305			202	32.0	570<=>	3900	39.00
820218	1150	48396			208	2.0	150<=>	3200	2.20
820318	1205	48456			211	8.2	7000	5900	10.70
820422	1130	48516			200.0	9.980	50<=>	230	11.20
820520	1230	48588			179.0	17.700	10<	10<	15.80
820629	1110	48643			191.0	18.200	100<=>	124000	18.80
820721	1115	48696	10<	40<=>	191.0	27.700	30<=>	300	19.80
820830	1015	48749			191.0	23.500	110<=>	5200	9.20
820909	1255	48830			190.0	18.700	70<=>	2400	12.20
821021	0725	48884			207.0	22.700	500<=>	5300	11.50
821118	1110	48928			204.0	29.800	300	240	12.40
821229	1235	48986			192.0	12.300	1800	2600	13.10
MAXIMUM					40	211	7000	124000	39.00
ARITH MEAN					40	197	971	13934	14.66
GEOM MEAN						197			12.36
MINIMUM					40	179.0	30	230	2.20
STD DEV (GEOM *)						10			8.91
# SAMP IN STATISTICS					1	12	11	11	12
% SAMP (EXCLUDED)							8	8	

B.O.W./ SITE: TWELVE MILE CREEK
 SAMPLE POINT: ONE STREET LOUTH TWP. NEAR POWER GLEN
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TWELVE MILE CREEK

STATION ID: 06-0017-007-02

STORET CODE: 02
 004
 5130

LAT: 43 06 54.29 LONG: 079 16 26.44

U T M: 17 0640425.0 4774825.0 4

REGION: 02

DISTANCE: 11.909

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	ALUT	ASUT	BOD5	CLIDUR	COD	COND25	CUUT	
				ALK	ALUMINUM	ARSENIC	BOD		CHEM. OX	CONDUCT.	COPPER	
				TOTAL	UNF.TOT.	UNF.TOT.	5 DAY	CHLORIDE	DEMAND	25C	UNF.TOT.	
				MG/L	MG/L	MG/L	TOT.DEM.	UNF.REAC	MG/L	UMHO/CM	MG/L	
				AS CAC03	AS AL	AS AS	AS O	AS CL	AS O	AT 25 C	AS CU	
SAMPLE DATE	HOUR	SAMPLE	SAMPLE	PROJECT								
YYMMDD	LMT	NUMBER	DEPTH	SUB-PROJ								
			M	CODE								
820107	1110	48303	0.30	0101	189	1.700	0.001<	0.6	24.00	6	560	0.010
820218	1255	48398	0.30	0101	175	0.550	0.001<	1.4	61.00	16	660	0.004
820318	1135	48458	0.30	0101	138	2.700U	0.001<	0.8	23.50	16	445	0.007U
820422	1120	48518	0.30	0101	213.1	0.220	0.001<	0.90	28.50	17	622.0	0.004
820520	1040	48586	0.30	0101	227.8	0.160	0.001	1.54	19.40	12	582.0	0.005
820629	1025	48641	0.30	0101	233.4	1.600	0.001	0.67	19.90	6 <T	586.0	0.011
820721	1050	48694	0.30	0101	227.8	0.930	0.002	1.01	18.80	8	572.0	0.007
820830	0950	48747	0.30	0101	230.7	0.540	0.001	0.72	18.40	10	571.0	0.006
820909	1230	48828	0.30	0101	226.3	0.150	0.001	0.74	17.20	12	558.0	0.005
821021	0655	48882	0.30	0101	232.1	1.000	0.001	0.45	18.10	15.9	593.0	0.007
821118	1055	48926	0.30	0101	224.5	0.130	0.001	1.63	18.10	17.6	599.0	0.008
821229	1255	48988	0.30	0101	156.0	5.000	0.001	1.34	21.70	26.2	479.0	0.018
MAXIMUM		0.30			233.4	5.000	0.002	1.63	61.00	26.2	660	0.018
ARITH MEAN		0.30			206	1.223	0.001	1.0	24.05	14 <A	569	0.008
GEOM MEAN					203	0.661		0.9	22.41	12 <A	566	0.007
MINIMUM		0.30			138	0.130	0.001	0.45	17.20	6	445	0.004
STD DEV (GEOM *)					33	1.426		0.4	12.09	6 <A	58	0.004
# SAMP IN STATISTICS		12			12	12	8	12	12	12	12	12
% SAMP (EXCLUDED)							33					

*=INTERIM TEST-NAME:		DO	FCMF	FEUT	FSMF	FwPH	FwSTRC	FwTEMP	NIUT	NNHTFR	NNOTFR
			FECAL	IRON	FECAL				NICKEL	NH3-N	NO2+NO3N
		DISOLVED	COLIFORM	UNF.TOT.	STREPCUS			WATER	UNF.TOT.	TOTAL	FIL.REAC
		OXYGEN	MF	MG/L	MF	PH	STREAM	TEMP	MG/L	MG/L	MG/L
		MG/L	CNT	AS FE	CNT	FIELD	COND.	DEG.C	AS NI	AS N	AS N
SAMPLE DATE	HOUR	SAMPLE									
YYMMDD	LMT	NUMBER	AS O	/100ML	/100ML						
820107	1110	48303	12.60	260	1.70	970	7.60	3	2.5	0.004	1.500
820218	1255	48398	12.70	180	1.16	990	7.90	4	0.5	0.002	1.850
820318	1135	48458	12.30	180	4.15	910	7.10	3	1.5	0.003U	1.900
820422	1120	48518	15.60	10<=>	0.325	50<=>	7.65	8	6.5	0.002<	0.605
820520	1040	48586	9.00	270	0.805	180	7.55	3	17.5	0.001<	0.805
820629	1025	48641	10.40	260	1.745	280	8.05	3	17.5	0.000<	0.950
820721	1050	48694	8.30	110	1.265	410	8.15	8	20.5	0.003	0.810
820830	0950	48747	8.90	440	1.210	480	8.00	3	13.5	0.001	0.950
820909	1230	48828	11.00	100	0.355	230	8.25	8	15.0	0.001<	0.120
821021	0655	48882	8.70	80<=>	1.500	700	7.90	8	9.5	0.002	0.705
821118	1055	48926	12.40	40<=>	0.245	80<=>	8.30	8	4.0	0.001	0.900
821229	1255	48988	11.20	7200	4.600	2580	7.90	3	4.5	0.004	1.500

(C O N T D)

B.O.W./ SITE: TWELVE MILE CREEK
 SAMPLE POINT: ONE STREET LOUTH TWP. NEAR POWER GLEN
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TWELVE MILE CREEK

STATION ID: 06-0017-007-02

STORET CODE: 02
 004
 5130

LAT: 43 06 54.29 LONG: 079 16 26.44 U T M: 17 0640425.0 4774825.0 4 REGION: 02 DISTANCE: 11.909

*INTERIM TEST-NAME:		DO	FCMF FECAL COLIFORM	FEUT IRON UNF.TOT.	FSMF FECAL STREPCUS	FWPH	FWSTRC	FWTEMP	NIUT	NNHTFR NH3-N TOTAL	NNOTFR NO2+NO3N FIL.REAC
SAMPLE DATE	HR	DISOLVED OXYGEN MG/L	CNT /100ML	MG/L AS FE	CNT /100ML	PH FIELD	STREAM COND.	WATER TEMP DEG.C	NICKEL UNF.TOT. MG/L AS NI	MG/L AS N	MG/L AS N
YYMMDD	LMT	SAMPLE NUMBER	AS O								

MAXIMUM	15.60	7200	4.600	2580	8.30			20.5	0.004	0.102	1.900
ARITH MEAN	11.09	761	1.59	655	7.86			9.4	0.002	0.023<A	1.050
GEOM MEAN	10.90	172	1.11	395	7.86			6.1		0.010<A	0.880
MINIMUM	8.30	10	0.245	50	7.10			0.5	0.001	0.002	0.120
STD DEV (GEOM *)	2.16	5*	1.40	3*	0.34			7.1		0.030<A	0.532
# SAMP IN STATISTICS	12	12	12	12	12			12	8	12	12
% SAMP (EXCLUDED)									33		

*INTERIM TEST-NAME:		NNO2FR	NNO3FR	NNTKUR K'DAHL N TOTAL	PBUT LEAD UNF.TOT.	PH	PHNOL PHENOLS UNF-REAC	PP04FR P04 FIL.REAC	PPUT PHOSPHOR UNF.TOT.	RSF RESIDUE FILTERED	RSP RESIDUE PARTIC.
SAMPLE DATE	HR	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	MG/L AS N	MG/L AS PB	PH	UG/L PHENOL	MG/L AS P	MG/L AS P	MG/L	MG/L
YYMMDD	LMT	SAMPLE NUMBER									

820107	1110	48303	0.031	1.470	0.43	0.003<	8.13	1 <T	0.042	0.100	359	28.5
820218	1255	48398	0.250	1.600	0.50	0.003<	7.88	1	0.037	0.115	407	26.0
820318	1135	48458	0.008	1.840	0.73	0.003<	7.88	1 <T	0.053	0.188	279	62.8
820422	1120	48518	0.0490	0.555	0.43	0.003<	8.43	1.0<T	0.0070	0.033	409.0	4.470
820520	1040	48586	0.0010<T	0.805	0.30	0.003<	8.53	0.2<W	0.0100	0.060	384.0	21.500
820629	1025	48641	0.0015<T	0.950	0.30	0.003	8.30	0.6<T	0.0400	0.108	381.0	39.600
820721	1050	48694	0.0235	0.786	0.28	0.007	8.25	-1.0<T	0.0390	0.077	381.0	27.200
820830	0950	48747	0.0015<T	0.948	0.30	0.003<	8.22	0.4<T	0.0315	0.078	389.0	30.900
820909	1230	48828	0.0085	0.112	0.19	0.004	8.46	-0.4<T	0.0040	0.038	392.0	8.590
821021	0655	48882	0.0030	0.702	0.35	0.003<	8.32	0.6<T	0.0330	0.121	378.0	38.100
821118	1055	48926	0.0020	0.898	0.180	0.008	8.52	0.2<T	0.0125	0.026	386.0	5.290
821229	1255	48988	0.0310	1.470	0.575	0.003<	8.29	0.4<T	0.0710	0.150	344.0	51.400

MAXIMUM	0.250	1.840	0.73	0.008	8.53	1	0.0710	0.188	409.0	62.8
ARITH MEAN	0.034 <A	1.011	0.38	0.005	8.27	0 <A	0.032	0.091	374	28.7
GEOM MEAN	0.009 <A	0.850	0.35		8.26		0.024	0.078	372	22.1
MINIMUM	0.0010	0.112	0.180	0.003	7.88	-1.0	0.0040	0.026	279	4.470
STD DEV (GEOM *)	0.070 <A	0.494	0.16		0.22		0.020	0.049	35	17.8
# SAMP IN STATISTICS	12	12	12	4	12	12	12	12	12	12
% SAMP (EXCLUDED)				66						

(C O N T D)

B.O.W./ SITE: TWELVE MILE CREEK
 SAMPLE POINT: ONE STREET LOUTH TWP. NEAR POWER GLEN
 STATION TYPE: RIVER

STATION ID: 06-0017-007-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TWELVE MILE CREEK

STORET CODE: 02
 004
 5130

LAT: 43 06 54.29 LONG: 079 16 26.44

U T M: 17 0640425.0 4774825.0 4

REGION: 02

DISTANCE: 11.909

*=INTERIM TEST-NAME:		TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	TURB TURB'ITY FTU	ZNUT ZINC UNF.TOT. MG/L AS ZN
SAMPLE DATE YYMMDD	HOURL LMT	SAMPLE NUMBER			
820107	1110	48303	2100	24000	34.00
820218	1255	48398	3800<=>	47000	23.00
820318	1135	48458	19000	40000	76.00
820422	1120	48518	220<=>	3400	9.30
820520	1040	48586	900<=>	32000	18.40
820629	1025	48641	2100<=>	68000	32.00
820721	1050	48694	1200	22000	22.00
820830	0950	48747	2000	18500	24.00
820909	1230	48828	600<=>	11000	7.60
821021	0655	48882	1100	22000	21.00
821118	1055	48926	280	580	5.20
821229	1255	48988	19000	14000	79.00
MAXIMUM		19000	68000	79.00	0.070
ARITH MEAN		4358	25207	29.29	0.012
GEOM MEAN		1687	15930	21.76	
MINIMUM		220	580	5.20	0.001
STD DEV (GEOM *)		4*	4*	24.20	
# SAMP IN STATISTICS		12	12	12	11
% SAMP (EXCLUDED)					8

B.O.W./ SITE: TWELVE MILE CREEK
 SAMPLE POINT: AT DECEW ROAD
 STATION TYPE: RIVER

STATION ID: 06-0017-008-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TWELVE MILE CREEK

STORET CODE: 02
 004
 5130

LAT: 43 07 09.09 LONG: 079 15 47.31 U T M: 17 0641300.0 4775300.0 4 REGION: 02 DISTANCE: 10.621

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	BOD5	CLIDUR	COD	COLAP	COND25	CUUT	DO
				ALK	5 DAY	CHLORIDE	CHEM. OX		CONDUCT.	COPPER	DISOLVED
SAMPLE		SAMPLE	PROJECT	TOTAL	TOT.DEM.	UNF.REAC	DEMAND	COLOUR	25C	UNF.TOT.	OXYGEN
DATE	HOUR	DEPTH	SUB-PROJ	MG/L	MG/L	MG/L	MG/L	APPARENT	UMHO/CM	MG/L	MG/L
YYMMDD	LMT	NUMBER	CODE	AS CAC03	AS O	AS CL	AS O	HZU	AT 25 C	AS CU	AS O
820107	1120	48304	0101	100	0.6	19.50	4	13.0	310	0.005	12.60
820218	1245	48397	0101	99	0.2	20.00	20	2.0	317	0.002	12.80
820318	1150	48457	0101	98	1.4	20.50	8	13.3	325	0.001	12.80
820422	1110	48517	0101	97.0	1.40	18.00	2	20.7	304.0	0.003U	14.50
820520	1100	48587	0101	90.7	1.12	16.20	12	9.0	275.0	0.002	13.60
820629	1055	48642	0101	98.0	0.27<T	18.50	10	13.9	295.0	0.008	12.40
820721	1100	48695	0101	97.7	0.51	18.60	20	11.7	294.0	0.007	8.40
820830	1000	48748	0101	99.5	0.49	17.20	12	5.0	293.0	0.001	8.60
820909	1240	48829	0101	101.0	0.69	17.20	12	7.1	293.0	0.004	9.00
821021	0710	48883	0101	104.7	0.45	18.10	11.1	5.9	320.0	0.006	9.60
821118	1040	48927	0101	103.2	1.46	18.00	1.0<W	5.9	313.0	0.008	11.40
821229	1245	48987	0101	99.1	0.90	16.40	1.4<W	12.4	297.0	0.006	12.30
MAXIMUM		0.30		104.7	1.46	20.50	20	20.7	325	0.008	14.50
ARITH MEAN		0.30		99	0.8 <A	18.18	9 <A	10.0	303	0.004	11.50
GEOM MEAN				99	0.7 <A	18.14	7 <A	8.6	303	0.004	11.32
MINIMUM		0.30		90.7	0.2	16.20	1.0	2.0	275.0	0.001	8.40
STD DEV (GEOM *)				3	0.5 <A	1.34	7 <A	5.1	14	0.003	2.07
# SAMP IN STATISTICS		12		12	12	12	12	12	12	12	12
% SAMP (EXCLUDED)											

*=INTERIM TEST-NAME:		DOC	FCMF	FEUT	FSMF	FWPH	FWSTRC	FWTEMP	HGUT	NIUT	PBUT
		CARBON	FECAL	IRON	FECAL				MERCURY	NICKEL	LEAD
		DISOLVED	COLIFORM	UNF.TOT.	STREPCUS				UNF.TOT.	UNF.TOT.	UNF.TOT.
		ORGANIC	MF	MG/L	MF	PH	STREAM	WATER	UG/L	MG/L	MG/L
SAMPLE		AS C	CNT	AS FE	/100ML	FIELD	COND.	TEMP	AS HG	AS NI	AS PB
DATE	HOUR	NUMBER						DEG.C			
YYMMDD	LMT		/100ML		/100ML						
820107	1120	48304	2.3	20<=>	1.48	40<=>	7.60	3	2.0	0.03<	0.007
820218	1245	48397	2.0	10<	0.11	10<	7.90	5	1.5	0.02<	0.004
820318	1150	48457	2.7	80<=>	0.41	130	7.20	8	1.0	0.02<	0.005
820422	1110	48517	2.6	10<	0.400	20<=>	7.40	8	2.5	0.05<	0.002<
820520	1100	48587	2.1	10<	0.620	10<	7.30	8	8.5	0.05<	0.001<
820629	1055	48642	2.0	10<	0.740	10<	8.20	8	16.0	0.02<	0.002
820721	1100	48695	2.0	10<	0.950	400<=>	8.35	8	20.0	0.04	0.003
820830	1000	48748		20<=>	0.505	40<=>	8.10	8	17.5	0.04<	0.002<
820909	1240	48829	2.3	10<	0.515	10<=>	8.10	8	19.5	0.04<	0.001
821021	0710	48883	2.3	20<=>	0.610	10<=>	8.10	8	11.5	0.02<	0.003
821118	1040	48927	2.1	60<=>	0.855	20<=>	8.30	8	8.0	0.03<	0.003
821229	1245	48987	2.4	10<=>	0.460	10<	8.00	8	5.0	0.03<	0.002<

(C O N T D)

B.O.W./ SITE: TWELVE MILE CREEK
 SAMPLE POINT: AT DECEW ROAD
 STATION TYPE: RIVER

STATION ID: 06-0017-008-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TWELVE MILE CREEK

STORET CODE: 02
 004
 5130

LAT: 43 07 09.09 LONG: 079 15 47.31 U T M: 17 0641300.0 4775300.0 4 REGION: 02 DISTANCE: 10.621

*=INTERIM TEST-NAME:		DOC CARBON DISOLVED ORGANIC MG/L AS C	FCMF FECAL COLIFORM MF CNT /100ML	FEUT IRON UNF.TOT. MG/L AS FE	FSMF FECAL STREPCUS MF CNT /100ML	FwPH PH FIELD	FwSTRC STREAM COND.	FwTEMP WATER TEMP DEG.C	HGUT MERCURY UNF.TOT. UG/L AS HG	NIUT NICKEL UNF.TOT. MG/L AS NI	PBUT LEAD UNF.TOT. MG/L AS PB
SAMPLE DATE YYMMDD	HOURL LMT	SAMPLE NUMBER									
		MAXIMUM	2.7	80	1.48	400	8.35	20.0	0.04	0.007	0.009
		ARITH MEAN	2.3	35	0.64	84	7.88	9.4	0.04	0.003	0.006
		GEOM MEAN	2.2		0.55		7.87	6.2			
		MINIMUM	2.0	10	0.11	10	7.20	1.0	0.04	0.001	0.005
		STD DEV (GEOM *)	0.2		0.35		0.40	7.3			
		# SAMP IN STATISTICS	11	6	12	8	12	12	1	8	3
		% SAMP (EXCLUDED)		50		33			91	33	75

*=INTERIM TEST-NAME:		PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	PSAMF PSEUDOMN AERUG. MF CNT /100ML	PSAMFB PSEUDOMN AERUG. MF BKGD CNT /100ML	RSF RESIDUE FILTERED MG/L	RSP RESIDUE PARTIC. MG/L	SS04UR SULPHATE UNF.REAC MG/L AS SO4	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	TURB TURB'ITY FTU	
SAMPLE DATE YYMMDD	HOURL LMT	SAMPLE NUMBER										
820107	1120	48304	8.30	15	4<	4<	202	35.1	31.0	210<=>	4200	38.00
820218	1245	48397	8.34	1 <T	4<	4<	206	1.5	29.0	30<=>	1500>	2.90
820318	1150	48457	8.14	2	10<	20<=>	211	4.9	31.0	8600	6300	10.30
820422	1110	48517	8.28	1.0	10<	10<	198.0	10.500	28.3	530	840	14.40
820520	1100	48587	8.33	0.8	10<	10<=>	179.0	21.300	25.0	10<	20<=>	19.00
820629	1055	48642	8.21	0.6<T	150	40<=>	192.0	20.900	23.7	700<=>	87000	19.90
820721	1100	48695	8.30	-0.4<T	10<	110	191.0	24.500	26.1	120	420	22.00
820830	1000	48748	8.34	0.8	10<	10<	190.0	20.800	23.8	140	2800	12.70
820909	1240	48829	8.44	0.4<T	10<	10<	190.0	16.900	24.7	50<=>	2600	10.50
821021	0710	48883	8.44	0.8	10<	10<	208.0	19.600	27.3	620	1900	11.70
821118	1040	48927	8.40	0.2<T			204.0	26.900	27.66	330	420	14.80
821229	1245	48987	8.23	0.2<T	10<	10<	193.0	11.400	26.83	1500	2200	11.30
		MAXIMUM	8.44	15	150	110	211	35.1	31.0	8600	87000	38.00
		ARITH MEAN	8.31	2 <A	150	45	197	17.9	27.0	1166	9882	15.62
		GEOM MEAN	8.31				197	14.1	26.9			13.46
		MINIMUM	8.14	-0.4	150	10	179.0	1.5	23.7	30	20	2.90
		STD DEV (GEOM *)	0.09				9	9.5	2.5			8.70
		# SAMP IN STATISTICS	12	12	1	4	12	12	12	11	11	12
		% SAMP (EXCLUDED)			90	63				8	8	

(CONTD)

B.O.W./ SITE: TWELVE MILE CREEK
SAMPLE POINT: AT DECEW ROAD
STATION TYPE: RIVER

STATION ID: 06-0017-008-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TWELVE MILE CREEK

STORET CODE: 02
004
5130

LAT: 43 07 09.09 LONG: 079 15 47.31

U T M: 17 0641300.0 4775300.0 4

REGION: 02

DISTANCE: 10.621

*=INTERIM TEST-NAME: ZNUT
ZINC
SAMPLE UNF.TOT.
DATE HOUR SAMPLE MG/L
YYMMDD LMT NUMBER AS ZN

820107	1120	48304	0.029
820218	1245	48397	0.007
820318	1150	48457	0.010
820422	1110	48517	0.001<
820520	1100	48587	0.001<
820629	1055	48642	0.007
820721	1100	48695	0.004
820830	1000	48748	0.003
820909	1240	48829	0.004
821021	0710	48883	0.004
821118	1040	48927	0.006
821229	1245	48987	0.005

MAXIMUM 0.029
ARITH MEAN 0.008
GEOM MEAN
MINIMUM 0.003

STD DEV (GEOM *)
SAMP IN STATISTICS 10
% SAMP (EXCLUDED) 16

B.O.W./ SITE: OLD WELLAND CANAL
 SAMPLE POINT: AT DISHER STREET ST. CATHRINES
 STATION TYPE: RIVER

STATION ID: 06-0017-009-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TWELVE MILE CREEK

STORET CODE: 02
 004
 5130

LAT: 43 08 53.81 LONG: 079 13 20.46 U T M: 17 0644550.0 4778600.0 4 REGION: 02 DISTANCE: 10.139

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	BOD5	CLIDUR	COD	COLAP	COLTR	COND25	CUUT
				ALK	BOD	CHLORIDE	CHEM. OX			CONDUCT.	COPPER
SAMPLE		SAMPLE	PROJECT	TOTAL	5 DAY	UNF.REAC	DEMAND	COLOUR	COLOUR	25C	UNF.TOT.
DATE	HR	DEPTH	SUB-PROJ	MG/L	TOT.DEM.	MG/L	MG/L	APPARENT	TRUE	UMHO/CM	MG/L
YYMMDD	LMT	M	CODE	AS CAC03	AS O	AS CL	AS O	HZU	HZU	AT 25 C	AS CU
820107	1145	48306	0101	144	105.0	47.00	372	15.9		1020	0.100
820218	1135	48395	0101	85	59.0	29.50	154		32.2	480	0.036
820318	1220	48455	0101	85	12.6	39.00	305		71.6	475	0.036
820422	1155	48515	0101	107.5	67.00	66.00	437	79.6		713.0	0.097
820520	1245	48589	0101	85.1	2.52	28.00	134	40.0		395.0	0.021
820629	1135	48644	0101	112.2		30.10	234	83.9		598.0	0.160
820721	1130	48697	0101	89.9	8.08	23.40	94	8.0		397.0	0.019
820830	1035	48750	0101	99.2	31.00	22.40	188	48.1		423.0	0.032
820909	1325	48831	0101	131.4	34.90	17.80	324	53.9		471.0	0.120
821021	0740	48885	0101	101.3	131.00	31.50	614.0	141.5		461.0	0.031
821118	1110	48929	0101	87.2	52.80	30.50	250.0	89.4		458.0	0.110
821229	1220	48985	0101	100.5	12.20	29.40	56.0	30.5		404.0	0.008
MAXIMUM		0.30		144	131.00	66.00	614.0	141.5	71.6	1020	0.160
ARITH MEAN		0.30		102	46.9	32.88	263	59.1	51.9	525	0.064
GEOM MEAN				101	28.4	31.02	218	45.0	48.0	503	0.046
MINIMUM		0.30		85	2.52	17.80	56.0	8.0	32.2	395.0	0.008
STD DEV (GEOM *)				19	41.6	12.88	159	40.2	27.9	181	0.050
# SAMP IN STATISTICS		12		12	11	12	12	10	2	12	12
% SAMP (EXCLUDED)											

*=INTERIM TEST-NAME:		DO	DOC	FCMF	FEUT	FSMF	FWPH	FWSTRC	FWTEMP	HGUT	NIUT
		DISOLVED	CARBON	FECAL	IRON	FECAL				MERCURY	NICKEL
SAMPLE		OXYGEN	DISOLVED	COLIFORM	UNF.TOT.	STREPCUS			WATER	UNF.TOT.	UNF.TOT.
DATE	HR	MG/L	ORGANIC	MF	MG/L	MF	PH	STREAM	TEMP	UG/L	MG/L
YYMMDD	LMT	AS O	AS C	CNT	AS FE	CNT	FIELD	COND.	DEG.C	AS HG	AS NI
820107	1145	48306	83.5	150000	0.72	6100	7.50	8 9 0	11.0	0.03<	0.009
820218	1135	48395	29.0	4100	0.38	2800	7.60	8 9 0	8.5	0.02<	0.004
820318	1220	48455	60.0	11000<=>	0.95	1500	7.45	8 9 0	12.0	0.02<	0.006
820422	1155	48515	31.5	11000	1.030	11100	7.30	8 9 0	11.5	0.05<	0.004<
820520	1245	48589	19.5	800<=>	0.540	600<=>		8 9 0	15.5	0.05<	0.002
820629	1135	48644	25.0	2000	0.825	480	7.50	8 9 0	21.0	0.06	0.003
820721	1130	48697	12.0	51000<=>	0.870	12800	7.40	8 9 0	26.0	0.02	0.003
820830	1035	48750		10000<=>	0.590	1000<=>	7.50	8 9 0	22.0	0.05	0.002<
820909	1325	48831	14.7	43000	0.680	1100	8.70	8 9 0	23.5	0.04	0.001<
821021	0740	48885	156.0	830000	0.650	1900	7.45	8 9 0	18.0	0.02<	0.002
821118	1110	48929	25.5	19000<=>	1.080	3500	7.80	8 9 0	15.0	0.03	0.006
821229	1220	48985	8.2	7700	0.490	1500	7.90	8	7.5	0.03<	0.002<

(C O N T D)

B.O.W./ SITE: OLD WELLAND CANAL
 SAMPLE POINT: AT DISHER STREET ST. CATHRINES
 STATION TYPE: RIVER

STATION ID: 06-0017-009-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TWELVE MILE CREEK

STORET CODE: 02
 004
 5130

LAT: 43 08 53.81 LONG: 079 13 20.46 U T M: 17 0644550.0 4778600.0 4 REGION: 02 DISTANCE: 10.139

*INTERIM TEST-NAME:		DO	DOC	FCMF	FEUT	FSMF	FWPH	FWSTRC	FWTEMP	HGUT	NIUT
		DISOLVED	CARBON	FECAL	IRON	FECAL				MERCURY	NICKEL
SAMPLE		OXYGEN	DISOLVED	COLIFORM	UNF.TOT.	STREPCUS			WATER	UNF.TOT.	UNF.TOT.
DATE	HOUR	MG/L	MG/L	MF	MG/L	MF	PH	STREAM	TEMP	UG/L	MG/L
YYMMDD	LMT	AS O	AS C	CNT	AS FE	/100ML	FIELD	COND.	DEG.C	AS HG	AS NI
		MAXIMUM	11.80	156.0	830000	1.080	12800	8.70	26.0	0.06	0.009
		ARITH MEAN	9.55	42.3	89964	0.73	3698	7.65	16.0	0.04	0.004
		GEOM MEAN	9.44	29.1		0.70	2180	7.64	14.8		
		MINIMUM	6.80	8.2	800	0.38	480	7.30	7.5	0.02	0.002
		STD DEV (GEOM *)	1.48	43.8		0.22	3*	0.39	6.1		
		# SAMP IN STATISTICS	12	11	11	12	12	11	12	5	8
		% SAMP (EXCLUDED)			8				58		33

*INTERIM TEST-NAME:		PBUT	PH	PHNOL	PSAMF	PSAMFB	RSF	RSP	SS04UR	TCMF	TCMFBK	
		LEAD		PHENOLS	PSEUDOMN	PSEUDOMN			SULPHATE	COLIFORM	COLIFORM	
SAMPLE		UNF.TOT.		UNF-REAC	AERUG.	AERUG.	RESIDUE	RESIDUE	UNF.REAC	TOTAL	TOTAL MF	
DATE	HOUR	MG/L	PH	UG/L	MF	MF BKGD	FILTERED	PARTIC.	MG/L	MF	BCKGRD	
YYMMDD	LMT	AS PB		PHENOL	CNT	CNT	MG/L	MG/L	AS S04	CNT	CNT	
					/100ML	/100ML				/100ML	/100ML	
820107	1145	48306	0.003<	7.14	219	150	350	805	50.5	300.0	360000<=>	4100000
820218	1135	48395	0.003<	6.84	400	90<=>	1030	361	53.2	97.0	70000<=>	1190000
820318	1220	48455	0.003<	6.60	990	50<=>	3100	464	99.6	120.0	280000<=>	4150000
820422	1155	48515	0.006<	6.70	1075.0	170<=>	5500	510.0	92.500	122.0	210000	1290000
820520	1245	48589	0.004	6.64	370.0	3600	16000	257.0	46.100	65.5	220000	2400000
820629	1135	48644	0.006	7.02	30.0	2500	100<	461.0	43.200	144.0	109000<=>	760000
820721	1130	48697	0.003<	7.00	140.0			258.0	36.800	75.4	4100000	100E+05
820830	1035	48750	0.003<	6.65	202.0			344.0	60.200	84.4	410000	400000
820909	1325	48831	0.012	7.46	18.8	200<=>	500<=>	324.0	222.000	74.2	740000<=>	7000001
821021	0740	48885	0.003	6.64	540.0	160<=>	20<=>	559.0	36.500	67.5	2400000	5600001
821118	1110	48929	0.008	6.86	155.0	80<=>	4200	335.0	75.200	79.70	390000	550000
821229	1220	48985	0.003<	7.51	1.8	140<=>	10000	263.0	26.700	53.80	29000<=>	150000>
		MAXIMUM	0.012	7.51	1075.0	3600	16000	805	222.000	300.0	4100000	100E+05
		ARITH MEAN	0.007	6.92	345	714	4522	412	70.2	107.0	776500	3403636
		GEOM MEAN		6.92	145	227		388	59.0	95.1	321064	
		MINIMUM	0.003	6.60	1.8	50	20	257.0	26.700	53.80	29000	400000
		STD DEV (GEOM *)		0.32	360	4*		160	52.8	66.4	4*	
		# SAMP IN STATISTICS	5	12	12	10	9	12	12	12	12	11
		% SAMP (EXCLUDED)	58				10					8

(C O N T D)

B.O.W./ SITE: OLD WELLAND CANAL
SAMPLE POINT: AT DISHER STREET ST. CATHRINES
STATION TYPE: RIVER

STATION ID: 06-0017-009-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TWELVE MILE CREEK

STORET CODE: 02
004
5130

LAT: 43 08 53.81 LONG: 079 13 20.46

U T M: 17 0644550.0 4778600.0 4

REGION: 02

DISTANCE: 10.139

*=INTERIM TEST-NAME: TURB ZNUT
ZINC
SAMPLE UNF.TOT.
DATE HOUR SAMPLE TURB'ITY MG/L
YYMMDD LMT NUMBER FTU AS ZN

820107	1145	48306	38.00	0.035
820218	1135	48395	33.00	0.041
820318	1220	48455	62.00	0.055
820422	1155	48515	76.00	0.046
820520	1245	48589	35.00	0.027
820629	1135	48644	31.00	0.046
820721	1130	48697	15.70	0.034
820830	1035	48750	31.00	0.015
820909	1325	48831	109.00	0.046
821021	0740	48885	17.20	0.021
821118	1110	48929	34.00	0.044
821229	1220	48985	30.00	0.022
	MAXIMUM	109.00		0.055
	ARITH MEAN	42.66		0.036
	GEOM MEAN	36.70		0.034
	MINIMUM	15.70		0.015
	STD DEV (GEOM *)	26.87		0.012
	# SAMP IN STATISTICS	12		12
	% SAMP (EXCLUDED)			

B.O.W./ SITE: TWENTY MILE CREEK
SAMPLE POINT: 21 ST STREET LOUTH TOWNSHIP
STATION TYPE: RIVER FLOW GAUGE FED 02HA006

STATION ID: 06-0024-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TWENTY MILE CREEK

STORET CODE: 02
004
5040

LAT: 43 09 07.81 LONG: 079 22 29.06 U T M: 17 0632150.0 4778780.0 4 REGION: 02 DISTANCE: 3.862

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	ALUT	ASUT	CDUT	CLIDUR	COND25	CRUT	CUUT
				ALK	ALUMINUM	ARSENIC	CADMIUM	CHLORIDE	CONDUCT.	CHROMIUM	COPPER
SAMPLE		SAMPLE	PROJECT	TOTAL	UNF.TOT.	UNF.TOT.	UNF.TOT.	UNF.REAC	25C	UNF.TOT.	UNF.TOT.
DATE	HR	DEPTH	SUB-PROJ	MG/L	MG/L	MG/L	MG/L	MG/L	UMHO/CM	MG/L	MG/L
YYMMDD	LMT	M	CODE	AS CAC03	AS AL	AS AS	AS CD	AS CL	AT 25 C	AS CR	AS CU
820107	1025	48302	0101	71	8.100	0.001<	0.0002<	24.00	315	0.014	0.010
820218	1315	48399	0101								
820301	1235	48414	0101	193	0.391	0.001<	0.0006	143.00	1160	0.006	0.136
820318	1115	48459	0101							0.021	
820407	1215	48481	0101	106	7.400U	0.001<	0.0002<	27.50	420	0.009U	0.017U
820422	1330	48519	0101							0.014	
820429	1230	48542	0101							0.002<	
	1235	48547	0101								
820506	1355	48560	0101	127.1	0.357	0.001<	0.0005	110.00	908.0	0.001<	0.006
820629	1350	48640	0101	134.2	2.700	0.001<	0.0002<	28.40	491.0	0.003	0.010
820721	1030	48693	0101	170.8	0.160	0.001	0.0004	48.50	681.0	0.002	0.012
820830	0925	48746	0101	183.3	0.044	0.001<	0.0002<	152.00	1290.0	0.003	0.014
820909	1205	48827	0101	173.1	0.010	0.001	0.0003	90.50	1020.0		0.010
821021	0630	48881	0101	153.1	0.060	0.001<	0.0002<	48.50	789.0	0.002	0.008
821028	1015	48898	0101								
821118	1355	48934	0101	133.5	1.700	0.001<	0.0002<	36.70	605.0	0.003	0.014
821229	1425	48989	0101	80.6	12.000U	0.001<	0.0008	19.50	338.0	0.012	0.012
		MAXIMUM	0.30	193	12.000	0.001	0.0008	152.00	1290.0	0.021	0.136
		ARITH MEAN	0.30	139	2.993	0.001	0.0005	66.24	729	0.008	0.023
		GEOM MEAN		133	0.567			51.55	657		0.014
		MINIMUM	0.30	71	0.010	0.001	0.0003	19.50	315	0.002	0.006
		STD DEV (GEOM *)		41	4.199			49.15	334		0.038
		# SAMP IN STATISTICS	17	11	11	2	5	11	11	11	11
		% SAMP (EXCLUDED)				81	54			15	

(C O N T D)

B.O.W./ SITE: TWENTY MILE CREEK
 SAMPLE POINT: 21 ST STREET LOUTH TOWNSHIP
 STATION TYPE: RIVER FLOW GAUGE FED 02HA006

STATION ID: 06-0024-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TWENTY MILE CREEK

STORET CODE: 02
 004
 5040

LAT: 43 09 07.81 LONG: 079 22 29.06

U T M: 17 0632150.0 4778780.0 4

REGION: 02

DISTANCE: 3.862

*=INTERIM TEST-NAME:		DO	FWFLOW	FWPH	FWSTRC	FWTEMP	HGUT	HGUT	NNHTFR	NNOTFR	NN02FR
		DISOLVED OXYGEN	STREAM FLOW				MERCURY UNF.TOT.	MERCURY UNF.TOT.	NH3-N TOTAL FIL.REAC	NO2+NO3N FIL.REAC	NO2-N FIL.REAC
SAMPLE DATE	HOUR	MG/L	M3 /S	PH	STREAM COND.	TEMP DEG.C	UG/L AS HG	UG/G DRY AS HG	MG/L AS N	MG/L AS N	MG/L AS N
YYMMDD	LMT	AS O		FIELD							
820107	1025	48302	13.80	2.100	7.40	3	0.5	0.03<	0.254	2.550	0.220
820218	1315	48399	13.50	0.270	8.00	4	0.5				
820301	1235	48414	13.70	0.410	8.15	4	2.5	0.03<	1.950	2.050	0.0790
820318	1115	48459	13.50	32.900	7.05	3	1.0	0.03			
820407	1215	48481	12.50	2.730	7.75	3	1.5	0.04<	0.010	2.550	0.0260
820422	1330	48519	11.60	5.760	7.10	3	9.0	0.05<			
820429	1230	48542	15.50	0.681	7.80	3	11.0	0.04<			
	1235	48547		0.681					0.10		
820506	1355	48560	17.50	0.289	7.75	8 9	17.0	0.04<	0.012	0.210	0.0630
820629	1350	48640	11.00	1.180	7.90	8	21.0	0.02<	0.006	2.050	0.0070
820721	1030	48693	6.70	0.019	7.70	8	20.5	0.03	0.048	0.105	0.0220
820830	0925	48746	8.60	0.050	7.90	8	15.5	0.04<	0.024	0.020	0.0030
820909	1205	48827	11.20	0.015	7.00	7	18.5	0.04<T	0.020	0.010<T	0.0020
821021	0630	48881	9.00	0.268	7.75	8	9.0		0.024	0.020	0.0170
821028	1015	48898		0.128				0.02			
821118	1355	48934	12.60	1.120	8.30	8	6.0	0.03<	0.006	1.500	0.0060
821229	1425	48989	12.10	14.200	7.85	3	5.0	0.03<	0.012	2.550	0.0640
		MAXIMUM	17.50	32.900	8.30		21.0	0.04	0.10	1.950	2.550
		ARITH MEAN	12.19	3.694	7.69		9.2	0.03<A	0.06	0.215	1.238<A
		GEOM MEAN	11.88	0.595	7.68		5.2		0.04	0.029	0.349<A
		MINIMUM	6.70	0.015	7.00		0.5	0.03	0.02	0.006	0.010
		STD DEV (GEOM *)	2.72	8.296	0.39		7.6		0.06	0.580	1.156<A
		# SAMP IN STATISTICS	15	17	15		15	3	2	11	11
		% SAMP (EXCLUDED)						76			

(C O N T D)

B.O.W./ SITE: TWENTY MILE CREEK
 SAMPLE POINT: 21 ST STREET LOUTH TOWNSHIP
 STATION TYPE: RIVER FLOW GAUGE FED 02HA006

STATION ID: 06-0024-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TWENTY MILE CREEK

STORET CODE: 02
 004
 5040

LAT: 43 09 07.81 LONG: 079 22 29.06

U T M: 17 0632150.0 4778780.0 4

REGION: 02

DISTANCE: 3.862

*INTERIM TEST-NAME:		NN03FR	NNTKUR	PBUT	PH	PHNOL	PP04FR	PPUT	P1ALDR	P1ALDR	P1ALDR
		N03-N	K'DAHL N	LEAD		PHENOLS	P04	PHOSPHOR			
		FIL.REAC	TOTAL	UNF.TOT.		UNF-REAC	FIL.REAC	UNF.TOT.			
SAMPLE		MG/L	MG/L	MG/L		UG/L	MG/L	MG/L			
DATE	HOUR	AS N	AS N	AS PB	PH	PHENOL	AS P	AS P	ALDRIN	ALDRIN	ALDRIN
YYMMDD	LMT	NUMBER							NG/L	NG/G DRY	NG/G WET
820107	1025	48302	2.230	1.52	0.004	7.51	1 <T	0.180	0.325	1<W	
820218	1315	48399							0.133		
820301	1235	48414	1.970	3.23	0.003<	7.95	1 <T	0.175	0.260	1<W	
820318	1115	48459			0.003<				0.325		
820407	1215	48481	2.525	1.15	0.003<	7.76	2	0.0960	0.290	1<W	
820422	1330	48519			0.006<				0.540		
820429	1230	48542			0.003<				0.128	1<W	
	1235	48547									1<W
820506	1355	48560	0.145	0.75	0.003<	8.34	0.2<W	0.0320	0.063	1<W	
820629	1350	48640	2.040	0.95	0.003<	8.07	0.8	0.1000	0.210	1<W	
820721	1030	48693	0.083	0.80	0.005	7.97	-0.8<T	0.0900	0.133	1<W	
820830	0925	48746	0.017	0.66	0.003	8.39	0.8	0.0380	0.059	1<W	
820909	1205	48827	0.008<T	0.51		8.44	1.0	0.0345		1<W	
821021	0630	48881	0.005<T	0.82	0.003<	8.21	0.8	0.0220	0.038		
821028	1015	48898								1<W	
821118	1355	48934	1.490	0.825	0.003<	8.09	1.2	0.0880	0.142	1<W	
821229	1425	48989	2.49	1.370	0.003<	7.60	0.2<T	0.2150	0.480	1<W	
	MAXIMUM	2.525	3.23	0.005	8.44	2	0.2150	0.540	1	1	1
	ARITH MEAN	1.18 <A	1.14	0.004	8.03	1 <A	0.097	0.223	1<A	1<A	1<A
	GEOM MEAN	0.28 <A	1.00		8.02		0.076	0.172	1<A		
	MINIMUM	0.005	0.51	0.003	7.51	-0.8	0.0220	0.038	1	1	1
	STD DEV (GEOM *)	1.12 <A	0.75		0.31		0.067	0.155	0<A		
	# SAMP IN STATISTICS	11	11		11	11	11	14	11	1	1
	% SAMP (EXCLUDED)			3							
				76							

(CONTD)

B.O.W./ SITE: TWENTY MILE CREEK
 SAMPLE POINT: 21 ST STREET LOUTH TOWNSHIP
 STATION TYPE: RIVER FLOW GAUGE FED 02HA006

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TWENTY MILE CREEK

STATION ID: 06-0024-001-02

STORET CODE: 02
 004
 5040

LAT: 43 09 07.81 LONG: 079 22 29.06 U T M: 17 0632150.0 4778780.0 4 REGION: 02 DISTANCE: 3.862

*=INTERIM TEST-NAME:			P1BHCA	P1BHCA	P1BHCA	P1BHCB	P1BHCB	P1BHCB	P1BHCG	P1BHCG	P1BHCG	P1CHLA
SAMPLE DATE	HOUR	SAMPLE	BHC ALPHA	BHC ALPHA	BHC ALPHA	BHC BETA	BHC BETA	BHC BETA	BHC GAMMA	BHC GAMMA	BHC GAMMA	CHLRDANE ALPHA
YYMMDD	LMT	NUMBER	NG/L	NG/G DRY	NG/G WET	NG/L	NG/G DRY	NG/G WET	NG/L	NG/G DRY	NG/G WET	NG/L
820107	1025	48302	4			1<W			1			2<W
820301	1235	48414	5			1<W			2			2<W
820407	1215	48481	1<W			1<W			1<W			2<W
820429	1230	48542	2			1<W			1			2<W
	1235	48547			1<W			1<W			1<W	
820506	1355	48560	5			1<W			2<W			2<W
820629	1350	48640	3			1<W			1<W			2<W
820721	1030	48693	1<W			1<W			1<W			2<W
820830	0925	48746	1<W			1<W			1<W			2<W
820909	1205	48827	1			1<W			1<W			2<W
821028	1015	48898		1<W			1<W			1<W		
821118	1355	48934	4			1<W			1<W			2<W
821229	1425	48989	3			1<W			2			2<W
MAXIMUM			5	1	1	1	1	1	2	1	1	2
ARITH MEAN			3<A	1<A	1<A	1<A	1<A	1<A	1<A	1<A	1<A	2<A
GEOM MEAN			2<A			1<A			1<A			2<A
MINIMUM			1	1	1	1	1	1	1	1	1	2
STD DEV (GEOM *)			2<A			0<A			0<A			0<A
# SAMP IN STATISTICS			11	1	1	11	1	1	11	1	1	11
% SAMP (EXCLUDED)												

*=INTERIM TEST-NAME:			P1CHLA	P1CHLA	P1CHLG	P1CHLG	P1CHLG	P1DIEL	P1DIEL	P1DIEL	P1DMDT	P1DMDT
SAMPLE DATE	HOUR	SAMPLE	CHLRDANE ALPHA	CHLRDANE ALPHA	CHLRDANE GAMMA	CHLRDANE GAMMA	CHLRDANE GAMMA	DIELDRIN	DIELDRIN	DIELDRIN	DMDT MTHXYLLR	DMDT MTHXYLLR
YYMMDD	LMT	NUMBER	NG/G DRY	NG/G WET	NG/L	NG/G DRY	NG/G WET	NG/L	NG/G DRY	NG/G WET	NG/L	NG/G DRY
820107	1025	48302			2<W			2<W			5<W	
820301	1235	48414			2<W			2<W			5<W	
820407	1215	48481			2<W			2<W			5<W	
820429	1230	48542			2<W			2<W			5<W	
	1235	48547		2<W			2<W			2<W		
820506	1355	48560			2<W			2<W			5<W	
820629	1350	48640			2<W			2<W			5<W	
820721	1030	48693			2<W			2<W			5<W	
820830	0925	48746			2<W			2<W			5<W	
820909	1205	48827			2<W			2<W			5<W	
821028	1015	48898	2<W			2<W			2<W			5<W
821118	1355	48934			2<W			2<W			5<W	
821229	1425	48989			2<W			2<W			5<W	

(C O N T D)

B.O.W./ SITE: TWENTY MILE CREEK
 SAMPLE POINT: 21 ST STREET LOUTH TOWNSHIP
 STATION TYPE: RIVER FLOW GAUGE FED 02HA006

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TWENTY MILE CREEK

STATION ID: 06-0024-001-02

STORET CODE: 02
 004
 5040

LAT: 43 09 07.81 LONG: 079 22 29.06 U T M: 17 0632150.0 4778780.0 4 REGION: 02 DISTANCE: 3.862

*INTERIM TEST-NAME:		P1CHLA	P1CHLA	P1CHLG	P1CHLG	P1CHLG	P1DIEL	P1DIEL	P1DIEL	P1DMDT	P1DMDT
SAMPLE DATE	YEAR	CHLRDANE ALPHA	CHLRDANE ALPHA	CHLRDANE GAMMA	CHLRDANE GAMMA	CHLRDANE GAMMA	DIELDRIN	DIELDRIN	DIELDRIN	DMDT MTHXYLLR	DMDT MTHXYLLR
YYMMDD	LMT	NG/G DRY	NG/G WET	NG/L	NG/G DRY	NG/G WET	NG/L	NG/G DRY	NG/G WET	NG/L	NG/G DRY

MAXIMUM		2	2	2	2	2	2	2	2	5	5
ARITH MEAN		2<A	2<A	2<A	2<A	2<A	2<A	2<A	2<A	5<A	5<A
GEOM MEAN				2<A			2<A			5<A	
MINIMUM		2	2	2	2	2	2	2	2	5	5
STD DEV (GEOM *)				0<A			0<A			0<A	
# SAMP IN STATISTICS		1	1	11	1	1	11	1	1	11	1
% SAMP (EXCLUDED)											

*INTERIM TEST-NAME:		P1DMDT	P1ENDR	P1ENDR	P1ENDR	P1ENDS	P1ENDS	P1ENDS	P1END1	P1END1	P1END1
SAMPLE DATE	YEAR	DMDT MTHXYLLR	ENDRIN	ENDRIN	ENDRIN	ENDOSULP SULPHATE	ENDOSULP SULPHATE	ENDOSULP SULPHATE	ENDOSULP I	ENDOSULP I	ENDOSULP I
YYMMDD	LMT	NG/G WET	NG/L	NG/G DRY	NG/G WET	NG/L	NG/G DRY	NG/G WET	NG/L	NG/G DRY	NG/G WET

820107	1025	48302	4<W			4<W			2<W		
820301	1235	48414	4<W			4<W			2<W		
820407	1215	48481	4<W			4<W			2<W		
820429	1230	48542	4<W			4<W			2<W		
	1235	48547	5<W		4<W		4<W		2<W		2<W
820506	1355	48560	4<W			4<W			2<W		
820629	1350	48640	4<W			4<W			2<W		
820721	1030	48693	4<W			4<W			2<W		
820830	0925	48746	4<W			4<W			2<W		
820909	1205	48827	4<W			4<W			2<W		
821028	1015	48898		4<W			4<W			2<W	
821118	1355	48934	4<W			4<W			2<W		
821229	1425	48989	4<W			4<W			2<W		

MAXIMUM		5	4	4	4	4	4	4	2	2	2
ARITH MEAN		5<A	4<A	4<A	4<A	4<A	4<A	4<A	2<A	2<A	2<A
GEOM MEAN			4<A			4<A			2<A		
MINIMUM		5	4	4	4	4	4	4	2	2	2
STD DEV (GEOM *)			0<A			0<A			0<A		
# SAMP IN STATISTICS		1	11	1	1	11	1	1	11	1	1
% SAMP (EXCLUDED)											

(C O N T D)

B.O.W./ SITE: TWENTY MILE CREEK
 SAMPLE POINT: 21 ST STREET LOUTH TOWNSHIP
 STATION TYPE: RIVER FLOW GAUGE FED 02HA006

STATION ID: 06-0024-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TWENTY MILE CREEK

STORET CODE: 02
 004
 5040

LAT: 43 09 07.81 LONG: 079 22 29.06 U T M: 17 0632150.0 4778780.0 4 REGION: 02 DISTANCE: 3.862

*=INTERIM TEST-NAME:		P1END2	P1END2	P1END2	P1HEPE	P1HEPE	P1HEPE	P1HEPT	P1HEPT	P1HEPT	P1MIRX
SAMPLE DATE	YEAR	ENDOSULP II	ENDOSULP II	ENDOSULP II	HEPE	HEPE	HEPE	HEPACHOR	HEPACHOR	HEPACHOR	MIREX
YYMMDD	LMT	NUMBER	NG/L	NG/G DRY	NG/G WET	NG/G DRY	NG/G WET	NG/L	NG/G DRY	NG/G WET	NG/L
820107	1025	48302	4<W					1<W			5<W
820301	1235	48414	4<W					1<W			5<W
820407	1215	48481	4<W					1<W			5<W
820429	1230	48542	4<W					1<W			5<W
	1235	48547		4<W			1<W			1<W	
820506	1355	48560	4<W					1<W			5<W
820629	1350	48640	4<W					1<W			5<W
820721	1030	48693	4<W					1<W			5<W
820830	0925	48746	4<W					1<W			5<W
820909	1205	48827	4<W					1<W			5<W
821028	1015	48898		4<W		1<W			1<W		
821118	1355	48934	4<W					1<W			5<W
821229	1425	48989	4<W					1<W			5<W
	MAXIMUM	4	4	4	1	1	1	1	1	1	5
	ARITH MEAN	4<A	4<A	4<A	1<A	1<A	1<A	1<A	1<A	1<A	5<A
	GEOM MEAN	4<A			1<A			1<A			5<A
	MINIMUM	4	4	4	1	1	1	1	1	1	5
	STD DEV (GEOM *)	0<A			0<A			0<A			0<A
	# SAMP IN STATISTICS	11	1	1	11	1	1	11	1	1	11
	% SAMP (EXCLUDED)										

*=INTERIM TEST-NAME:		P1MIRX	P1MIRX	P1OCHL	P1OCHL	P1OCHL	P1OPDT	P1OPDT	P1OPDT	P1PCBT	P1PCBT
SAMPLE DATE	YEAR	MIREX	MIREX	OXCHLANE	OXCHLANE	OXCHLANE	OP-DDT	OP-DDT	OP-DDT	PCB TOTAL	PCB TOTAL
YYMMDD	LMT	NUMBER	NG/G DRY	NG/G WET	NG/L	NG/G DRY	NG/G WET	NG/L	NG/G DRY	NG/G WET	NG/L
820107	1025	48302			2<W			5<W			20<W
820301	1235	48414			2<W			5<W			20<W
820407	1215	48481			2<W			5<W			20<W
820429	1230	48542			2<W			5<W			20<W
	1235	48547		500<W			2<W			5<W	
820506	1355	48560			2<W			5<W			20<W
820629	1350	48640			2<W			5<W			20<W
820721	1030	48693			2<W			5<W			20<W
820830	0925	48746			2<W			5<W			20<W
820909	1205	48827			2<W			5<W			20<W
821028	1015	48898	500<W			2<W			5<W		20<W
821118	1355	48934			2<W			5<W			20<W
821229	1425	48989			2<W			5<W			20<W

(C O N T D)

B.O.W./ SITE: TWENTY MILE CREEK
 SAMPLE POINT: 21 ST STREET LOUTH TOWNSHIP
 STATION TYPE: RIVER FLOW GAUGE FED 02HA006

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TWENTY MILE CREEK

STATION ID: 06-0024-001-02

STORET CODE: 02
 004
 5040

LAT: 43 09 07.81 LONG: 079 22 29.06 U T M: 17 0632150.0 4778780.0 4 REGION: 02 DISTANCE: 3.862

*=INTERIM TEST-NAME: P1MIRX P1MIRX P1OCHL P1OCHL P1OCHL P1OPDT P1OPDT P1OPDT P1PCBT P1PCBT

SAMPLE DATE	HOUR	SAMPLE NUMBER	MIREX NG/G DRY	MIREX NG/G WET	OXCHLANE NG/L	OXCHLANE NG/G DRY	OXCHLANE NG/G WET	OP-DDT NG/L	OP-DDT NG/G DRY	OP-DDT NG/G WET	PCB TOTAL NG/L	PCB TOTAL NG/G DRY
		MAXIMUM	500	500	2	2	2	5	5	5	20	20
		ARITH MEAN	500<A	500<A	2<A	2<A	2<A	5<A	5<A	5<A	20<A	20<A
		GEOM MEAN			2<A			5<A			20<A	
		MINIMUM	500	500	2	2	2	5	5	5	20	20
		STD DEV (GEOM *)			0<A			0<A			0<A	
		# SAMP IN STATISTICS	1	1	11	1	1	11	1	1	11	1
		% SAMP (EXCLUDED)										

*=INTERIM TEST-NAME: P1PCBT P1PPDD P1PPDD P1PPDD P1PPDE P1PPDE P1PPDE P1PPDT P1PPDT P1PPDT

SAMPLE DATE	HOUR	SAMPLE NUMBER	PCB TOTAL NG/G 4:1 1254:60	PP-DDD NG/L	PP-DDD NG/G DRY	PP-DDD NG/G WET	PP-DDE NG/L	PP-DDE NG/G DRY	PP-DDE NG/G WET	PP-DDT NG/L	PP-DDT NG/G DRY	PP-DDT NG/G WET
820107	1025	48302		5<W			1<W			5<W		
820301	1235	48414		5<W			1<W			5<W		
820407	1215	48481		5<W			1<W			5<W		
820429	1230	48542		5<W			1<W			5<W		
	1235	48547	20<W			5<W		1<W				5<W
820506	1355	48560		5<W			1<W			5<W		
820629	1350	48640		5<W			1<W			5<W		
820721	1030	48693		5<W			1<W			5<W		
820830	0925	48746		5<W			1<W			5<W		
820909	1205	48827		5<W			1<W			5<W		
821028	1015	48898			5<W			1<W			5<W	
821118	1355	48934		5<W			1<W			5<W		
821229	1425	48989		5<W			1<W			5<W		

820107 1025 48302 5<W 1<W 5<W

820301 1235 48414 5<W 1<W 5<W

820407 1215 48481 5<W 1<W 5<W

820429 1230 48542 5<W 1<W 5<W

1235 48547 20<W 5<W 1<W 5<W

820506 1355 48560 5<W 1<W 5<W

820629 1350 48640 5<W 1<W 5<W

820721 1030 48693 5<W 1<W 5<W

820830 0925 48746 5<W 1<W 5<W

820909 1205 48827 5<W 1<W 5<W

821028 1015 48898 5<W 1<W 5<W

821118 1355 48934 5<W 1<W 5<W

821229 1425 48989 5<W 1<W 5<W

	MAXIMUM	20	5	5	5	1	1	1	5	5	5
ARITH MEAN	20<A	5<A	5<A	5<A	1<A	1<A	1<A	5<A	5<A	5<A	5<A
GEOM MEAN		5<A			1<A			5<A			
MINIMUM	20	5	5	5	1	1	1	5	5	5	5
STD DEV (GEOM *)		0<A			0<A			0<A			
# SAMP IN STATISTICS	1	11	1	1	11	1	1	11	1	1	1
% SAMP (EXCLUDED)											

B.O.W./ SITE: TWENTY MILE CREEK
 SAMPLE POINT: 21 ST STREET LOUTH TOWNSHIP
 STATION TYPE: RIVER FLOW GAUGE FED 02HA006

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TWENTY MILE CREEK

STATION ID: 06-0024-001-02

STORET CODE: 02
 004
 5040

LAT: 43 09 07.81 LONG: 079 22 29.06

U T M: 17 0632150.0 4778780.0 4

REGION: 02

DISTANCE: 3.862

*=INTERIM TEST-NAME:		RSF	RSP	X2HCB	X2HCB	X2HCB	ZNUT ZINC UNF.TOT. MG/L AS ZN	
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	RESIDUE FILTERED MG/L	RESIDUE PARTIC. MG/L	HC NG/L	HC NG/G DRY	HC NG/G WET	
820107	1025	48302	205	46.5	1<W		0.030	
820218	1315	48399		3.7				
820301	1235	48414	725.0	5.600	1<W		0.014	
820318	1115	48459		58.2			0.030	
820407	1215	48481	339.0	63.200	1<W		0.018U	
820422	1330	48519		156.000			0.082	
820429	1230	48542		26.500	1<W		0.007U	
	1235	48547						
820506	1355	48560	641.0	5.620	1<W		0.005	
820629	1350	48640	362.0	30.100	1<W		0.013	
820721	1030	48693	460.0	7.340	1<W		0.002	
820830	0925	48746	997.0	1.690	1<W		0.003	
820909	1205	48827	782.0		1<W			
821021	0630	48881	526.0	3.050			0.005	
821028	1015	48898				1<W		
821118	1355	48934	419.0	16.300	1<W		0.008	
821229	1425	48989	220.0	24.500	1<W		0.054	
		MAXIMUM	997.0	156.000	1	1	1	0.082
		ARITH MEAN	516	32.0	1<A	1<A	1<A	0.021
		GEOM MEAN	462	15.3	1<A			0.012
		MINIMUM	205	1.690	1	1	1	0.002
		STD DEV (GEOM *)	248	41.3	0<A			0.024
		# SAMP IN STATISTICS	11	14	11	1	1	13
		% SAMP (EXCLUDED)						

B.O.W./ SITE: TWENTY MILE CREEK
 SAMPLE POINT: FIRST BRIDGE DOWNSTREAM OF SMITHVILLE
 STATION TYPE: RIVER

STATION ID: 06-0024-002-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TWENTY MILE CREEK

STORET CODE: 02
 004
 5040

LAT: 43 05 27.80 LONG: 079 32 13.41 U T M: 17 0619070.0 4771750.0 4 REGION: 02 DISTANCE: 28.163

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	CAUR	CLIDUR	DO	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FVPH	FWSTRC	
SAMPLE DATE YYMMDD	HR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CAC03	CALCIUM UNF.REAC MG/L AS CA	CHLORIDE UNF.REAC MG/L AS CL	DISOLVED OXYGEN MG/L AS O			PH FIELD	STREAM COND.
820107	0945	48300	0.30	0101	78	37.0	20.50	10.60			6.90	3
820218	1430	48401	0.30	0101	262	113.0	78.00	9.80			7.55	8
820318	0800	48461	0.30	0101	52	20.8	20.00	11.30			6.75	3
820422	0840	48521	0.30	0101	132.5	36.8	32.00	10.00			7.30	3
820520	0935	48584	0.30	0101	220.9	101.0	55.00	8.50			7.40	7 9
820629	0940	48638	0.30	0101	170.6	68.5	28.80	9.70			7.80	3
820721	0940	48691	0.30	0101	227.5	98.9	63.00	7.80			7.90	8
820830	0830	48744	0.30	0101	159.5	87.7	72.50	6.30			7.70	8
820909	1050	48825	0.30	0101	178.6	108.0	80.00	9.00			7.70	7
821021	0520	48879	0.30	0101	164.5	78.2	49.90	8.20			7.40	8
821118	0845	48924	0.30	0101	166.8	82.6	41.50	12.00	100<=>	100<=>	8.25	3
821229	0930	48980	0.30	0101	89.9	45.3	18.50	11.00	2200	2160	7.65	3
MAXIMUM		0.30			262	113.0	80.00	12.00	2200	2160	8.25	
ARITH MEAN		0.30			159	73.1	46.64	9.52	1150	1130	7.52	
GEOM MEAN					145	65.4	41.02	9.38	469	465	7.51	
MINIMUM		0.30			52	20.8	18.50	6.30	100	100	6.75	
STD DEV (GEOM *)					63	31.2	23.08	1.63	9*	9*	0.41	
# SAMP IN STATISTICS		12			12	12	12	12	2	2	12	
% SAMP (EXCLUDED)												

*=INTERIM TEST-NAME:		FWTEMP	HARDT	KKUR	MGUR	NAUR	NNHTFR NH3-N TOTAL	NNOTFR	NN02FR	NN03FR	NNTKUR K'DAHL N TOTAL	
SAMPLE DATE YYMMDD	HR LMT	SAMPLE NUMBER	WATER TEMP DEG.C	HARDNESS TOTAL MG/L AS CAC03	POTASSIM UNF.REAC MG/L AS K	MAGNESIM FIL.REAC MG/L AS MG	SODIUM UNF.REAC MG/L AS NA	FIL.REAC MG/L AS N	NO2+NO3N FIL.REAC MG/L AS N	NO2-N FIL.REAC MG/L AS N	NO3-N FIL.REAC MG/L AS N	FIL.TOT. MG/L AS N
820107	0945	48300		127	5.70	8.50	10.5	0.234	2.950	0.215	2.730	1.22
820218	1430	48401	1.0	369	5.10	21.00	38.0	0.026	2.600	0.230	2.370	0.60
820318	0800	48461	0.5	74	5.05	5.40	10.4	0.318	2.250	0.019	2.230	1.40
820422	0840	48521	6.5	126.0	8.30	8.26	16.90	0.018	3.650	0.0230	3.625	2.55
820520	0935	48584	17.5	391.0	0.56	33.70	3.20	0.006<T	0.115	0.0030	0.110	0.65
820629	0940	48638	19.0	240.0	3.78	16.70	17.10	0.006	1.750	0.0035	1.745	0.83
820721	0940	48691	19.5	423.0	4.46	42.70	53.10	0.046	0.005<W	0.0030	0.005<W	0.74
820830	0830	48744	15.0	437.0	4.32	53.00	60.20	0.046	0.010<T	0.0090	0.005<T	0.65
820909	1050	48825	16.0	499.0	5.42	55.80	65.00	0.018	0.005<T	0.0020	0.005<T	0.66
821021	0520	48879	8.5	298.0	7.76	24.90	32.00	0.008	0.300	0.0050	0.295	0.84
821118	0845	48924	3.0	294.0	5.28	21.40	22.00	0.010	1.900	0.0045	1.890	0.675
821229	0930	48980	5.5	165.0	11.90	12.60	10.80		2.650	0.0680	2.580	1.200

(C O N T D)

STORET CODE: 02
004
5040

[illegible]

B.O.W./ SITE: TWENTY MILE CREEK
 SAMPLE POINT: HIGHWAY 20 DOWNSTREAM OF SMITHVILLE
 STATION TYPE: RIVER

STATION ID: 06-0024-004-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TWENTY MILE CREEK

STORET CODE: 02
 004
 5130

LAT: 43 04 42.89 LONG: 079 30 44.71

U T M: 17 0621100.0 4770400.0 4

REGION: 02

DISTANCE: 24.944

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	ALUT	ASUT	BOD5	CLIDUR	COD	COND25	CUUT
				ALK	ALUMINUM	ARSENIC	BOD	CHLORIDE	CHEM. OX	CONDUCT.	COPPER
				TOTAL	UNF.TOT.	UNF.TOT.	5 DAY	UNF.REAC	DEMAND	25C	UNF.TOT.
				MG/L	MG/L	MG/L	TOT.DEM.	MG/L	MG/L	UMHO/CM	MG/L
				AS CAC03	AS AL	AS AS	AS 0	AS CL	AS 0	AT 25 C	AS CU
SAMPLE DATE	YMMDD	TIME	NUMBER	DEPTH	PROJECT	SUB-PROJ	CODE	AS	CL	AS	CU
820107	0955		48301	0.30	0101					315	0.009
820218	1420		48400	0.30	0101					1270	0.008
820318	0745		48460	0.30	0101					230	0.007
820422	0825		48520	0.30	0101					496.0	0.009
820520	0925		48585	0.30	0101					2510.0	0.014
820629	0950		48639	0.30	0101					547.0	0.011
820721	0945		48692	0.30	0101					987.0	0.016
820830	0845		48745	0.30	0101					1250.0	0.012
820909	1100		48826	0.30	0101					1240.0	0.036
821021	0535		48880	0.30	0101					810.0	0.003
821118	0835		48925	0.30	0101				16.6	657.0	0.010
821229	0920		48979	0.30	0101					339.0	0.012
MAXIMUM		0.30		243.9			10.20	490.00	16.6	2510.0	0.036
ARITH MEAN		0.30		154			2.8	88.30	16.6	888	0.012
GEOM MEAN				140			2.1	50.68		713	0.010
MINIMUM		0.30		49			0.68	18.90	16.6	230	0.003
STD DEV (GEOM *)				62			2.7	131.12		635	0.008
# SAMP IN STATISTICS		12		12		1	12	12	1	12	12
% SAMP (EXCLUDED)											

*=INTERIM TEST-NAME:		DO	FCMF	FEUT	FSMF	FVPH	FWSTRC	FWTEMP	HGUT	NIUT	NNHTR
			FECAL	IRON	FECAL						NH3-N
		DISOLVED	COLIFORM	UNF.TOT.	STREPCUS				MERCURY	NICKEL	TOTAL
		OXYGEN	MF	MG/L	MF				UNF.TOT.	UNF.TOT.	FIL.REAC
		MG/L	CNT	MG/L	CNT	PH	STREAM	WATER	UG/L	MG/L	MG/L
		AS 0	/100ML	AS FE	/100ML	FIELD	COND.	TEMP	AS HG	AS NI	AS N
SAMPLE DATE	YMMDD	TIME	NUMBER	DEPTH	PROJECT	SUB-PROJ	CODE	AS	CL	AS	CU
820107	0955		48301	10.80	1220			6500	7.10	3	0.246
820218	1420		48400	12.00	600<=>			6400	7.65	4	
820318	0745		48460	12.20	220			5700	6.90	3	0.192
820422	0825		48520	9.10	1330			10400	7.20	3	0.018
820520	0925		48585	5.70	620			420	7.95	5	0.026
820629	0950		48639	8.40	200<=>			160<=>	8.60	3	0.004<T
820721	0945		48692	5.80	80<=>			2500	7.80	8	0.032
820830	0845		48745	7.80	20<			500<=>	7.00	8	0.008
820909	1100		48826	9.40	40<=>			2280	8.05	8	0.010
821021	0535		48880	8.70	420			580	7.75	8	0.008
821118	0835		48925	12.10	180<=>	0.950		120<=>	8.10	3	0.006
821229	0920		48979	10.90	1960			2420	7.60	3	

(C O N T D)

B.O.W./ SITE: TWENTY MILE CREEK
 SAMPLE POINT: HIGHWAY 20 DOWNSTREAM OF SMITHVILLE
 STATION TYPE: RIVER

STATION ID: 06-0024-004-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TWENTY MILE CREEK

STORET CODE: 02
 004
 5130

LAT: 43 04 42.89 LONG: 079 30 44.71

U T M: 17 0621100.0 4770400.0 4

REGION: 02

DISTANCE: 24.944

*=INTERIM TEST-NAME:		DO	FCMF FECAL COLIFORM	FEUT IRON UNF.TOT.	FSMF FECAL STREPCUS	FWPH	FWSTRC	FWTEMP	HGUT MERCURY UNF.TOT.	NIUT NICKEL UNF.TOT.	NNHTFR NH3-N TOTAL FIL.REAC
SAMPLE DATE	HOUR YYMMDD LMT	SAMPLE NUMBER	DISOLVED OXYGEN MG/L AS O	CNT MG/L /100ML	CNT MG/L AS FE	PH FIELD	STREAM COND.	TEMP DEG.C	UG/L AS HG	MG/L AS NI	MG/L AS N
		MAXIMUM	12.20	1960	0.950	10400	8.60	23.5			0.246
		ARITH MEAN	9.41	625	0.950	3165	7.64	10.8			0.055<A
		GEOM MEAN	9.13			1440	7.63	6.1			0.020<A
		MINIMUM	5.70	40	0.950	120	6.90	0.5			0.004
		STD DEV (GEOM *)	2.27			5*	0.51	8.3			0.088<A
		# SAMP IN STATISTICS	12	11	1	12	12	11			10
		% SAMP (EXCLUDED)		8							

*=INTERIM TEST-NAME:		NNOTFR	NN02FR	NN03FR	NNTKUR K'DAHL N TOTAL	PBUT LEAD UNF.TOT.	PH	PP04FR	PPUT PHOSPHOR UNF.TOT.	RSF RESIDUE FILTERED	RSP RESIDUE PARTIC.	
SAMPLE DATE	HOUR YYMMDD LMT	SAMPLE NUMBER	N02+N03N FIL.REAC MG/L AS N	N02-N FIL.REAC MG/L AS N	N03-N FIL.REAC MG/L AS N	MG/L AS N	AS PB	AS P	AS P	MG/L	MG/L	
820107	0955	48301	2.900	0.215	2.680	1.28	0.003<	7.35	0.150	0.290	205	33.6
820218	1420	48400	3.200	1.300	1.900		0.003<	7.81	0.145	0.220	848	5.0
820318	0745	48460	2.350	0.019	2.330	1.25	0.003<	7.22	0.120	0.280	150	69.9
820422	0825	48520	3.700	0.0290	3.670	3.90	0.006<	7.55	0.1800	0.540	393.0	89.000
820520	0925	48585	2.550	0.0200	2.530	1.70	0.003<	8.25	1.1000	1.320	1690.0	15.200
820629	0950	48639	1.850	0.0040	1.845	0.95	0.003<	7.95	0.1275	0.267	383.0	57.900
820721	0945	48692	0.270	0.0215	0.248	1.23	0.003<	7.85	0.2920	0.465	694.0	56.400
820830	0845	48745	0.435	0.0090	0.426	0.86	0.006	8.08	0.0940	0.141	1029.0	9.450
820909	1100	48826	0.145	0.0300	0.115	0.74	0.010	8.46	0.0920	0.134	1016.0	9.000
821021	0535	48880	0.205	0.0035	0.202	0.88	0.003<	8.39	0.1200	0.207	543.0	32.300
821118	0835	48925	1.850	0.0075	1.840	0.750	0.030<	8.33	0.0830	0.125	447.0	14.200
821229	0920	48979	2.400	0.8500	1.550	1.250	0.030	7.36	0.1750	0.330	220.0	97.000
		MAXIMUM	3.700	1.300	3.670	3.90	0.030	8.46	1.1000	1.320	1690.0	97.000
		ARITH MEAN	1.821	0.209	1.611	1.34	0.015	7.88	0.223	0.360	635	40.7
		GEOM MEAN	1.159	0.033	1.030	1.19		7.87	0.160	0.282	502	27.6
		MINIMUM	0.145	0.0035	0.115	0.74	0.006	7.22	0.0830	0.125	150	5.0
		STD DEV (GEOM *)	1.261	0.420	1.145	0.90		0.44	0.282	0.328	449	32.5
		# SAMP IN STATISTICS	12	12	12	11	3	12	12	12	12	12
		% SAMP (EXCLUDED)					75					

(C O N T D)

B.O.W./ SITE: TWENTY MILE CREEK
SAMPLE POINT: HIGHWAY 20 DOWNSTREAM OF SMITHVILLE
STATION TYPE: RIVER

STATION ID: 06-0024-004-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TWENTY MILE CREEK

STORET CODE: 02
004
5130

LAT: 43 04 42.89 LONG: 079 30 44.71

U T M: 17 0621100.0 4770400.0 4

REGION: 02

DISTANCE: 24.944

*=INTERIM TEST-NAME:		TCMF	TCMFBK	TURB	ZNUT
		COLIFORM	COLIFORM		
		TOTAL	TOTAL MF		ZINC
SAMPLE		MF	BCKGRD		UNF.TOT.
DATE	HOURL	CNT	CNT	TURB'ITY	MG/L
YYMMDD	LMT	/100ML	/100ML	FTU	AS ZN
820107	0955	48301	44000<=> 610000	109.00	0.023
820218	1420	48400	10800<=> 29000	5.10	0.006
820318	0745	48460	35000 60000	98.00	0.018
820422	0825	48520	17000 260000	158.00	0.042
820520	0925	48585	1000<=> 1160000	12.40	0.008
820629	0950	48639	2300<=> 15000>	51.00	0.021
820721	0945	48692	500<=> 66000	43.00	0.032
820830	0845	48745	200<=> 15000	4.20	0.008
820909	1100	48826	400<=> 68000	9.60	0.008
821021	0535	48880	1300 28000	23.00	0.009
821118	0835	48925	700<=> 6800	15.30	0.010<
821229	0920	48979	23000 132000		0.044
MAXIMUM		44000	1160000	158.00	0.044
ARITH MEAN		11350	221345	48.05	0.020
GEOM MEAN		3006		25.76	
MINIMUM		200	6800	4.20	0.006
STD DEV (GEOM *)		7*		51.53	
# SAMP IN STATISTICS		12	11	11	11
% SAMP (EXCLUDED)			8		8

B.O.W./ SITE: MOUNTSBERG CREEK
 SAMPLE POINT: AT COUNTY ROAD 18
 STATION TYPE: RIVER

STATION ID: 06-0060-003-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: BRONTE CREEK

STORET CODE: 02
 004
 4430

LAT: 43 26 36.43 LONG: 080 01 58.88 U T M: 17 0578250.0 4810300.0 4 REGION: 02 DISTANCE: 43.612

*INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	BOD5	CLIDUR	COND25	CUUT	DO	FCMF	FSMF
				ALK	5 DAY	CHLORIDE	CONDUCT.	COPPER	DISSOLVED	FECAL	FECAL
				TOTAL	TOT.DEM.	UNF.REAC	25C	UNF.TOT.	OXYGEN	COLIFORM	STREPCUS
				MG/L	MG/L	MG/L	UMHO/CM	MG/L	MG/L	MF	MF
				AS CAC03	AS O	AS CL	AT 25 C	AS CU	AS O	CNT	CNT
										/100ML	/100ML
SAMPLE		SAMPLE	PROJECT								
DATE	HOUR	DEPTH	SUB-PROJ								
YYMMDD	LMT	M	CODE								
		NUMBER									
820122	0845	47213	0101	373	0.2 <T	32.00	815	0.042	10.20	10<	10<=>
820223	1045	47228	0101	322	1.4	24.50	700	0.007	9.00	10<=>	10<=>
820331	0845	47243	0101	155	1.0	11.50	365	0.008U	9.80	80<=>	4900
820430	0945	47258	0101	214.4	0.54	15.20	483.0	0.033	10.00	10<=>	20<=>
820528	1015	47274	0101	208.4	0.46	13.80	450.0	0.004	8.40	680	540
820629	1030	47289	0101	177.6	1.04	16.00	395.0	0.028	7.30	220	1420
820727	0930	47304	0101	132.0	0.71	19.00	318.0	0.004	6.80	460	7300
820827	0930	47319	0101	110.1	0.75	16.70	276.0	0.004	7.90	120<=>	1200
820929	0900	47334	0101	113.9	0.34	16.20	295.0	0.001<	7.60	640	400
821028	1015	47349	0101	123.3	1.27	17.10	332.0	0.005	11.80	20<	140<=>
821126	0959	47364	0101	192.5	0.65	21.20	458.0	0.015	14.80	10<=>	20<=>
821229		47379	0101	194.5	0.93	16.00	451.0	0.003	11.40	40<=>	40<=>
MAXIMUM		0.30		373	1.4	32.00	815	0.042	14.80	680	7300
ARITH MEAN		0.30		193	0.8 <A	18.27	445	0.014	9.58	227	1333
GEOM MEAN				180	0.7 <A	17.63	422		9.35		195
MINIMUM		0.30		110.1	0.2	11.50	276.0	0.003	6.80	10	10
STD DEV (GEOM *)				82	0.4 <A	5.48	163		2.29		11*
# SAMP IN STATISTICS		12		12	12	12	12	11	12	10	12
% SAMP (EXCLUDED)								8		16	

*INTERIM TEST-NAME:		FWPH	FWSTRC	FWTEMP	NNHTFR	NNOTFR	NNO2FR	NNO3FR	NNTKUR	PBUT	PH
					NH3-N				K'DAHL N		
					TOTAL				TOTAL		
					FIL.REAC	FIL.REAC	FIL.REAC	FIL.REAC	FIL.TOT.	UNF.TOT.	
					MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	
					AS N	AS N	AS N	AS N	AS N	AS PB	PH
SAMPLE		PH	STREAM	WATER							
DATE	HOUR	FIELD	COND.	TEMP							
YYMMDD	LMT			DEG.C							
		NUMBER									
820122	0845	47213	4	0.5	0.052	0.370	0.015	0.355	0.60	0.003<	7.88
820223	1045	47228	4	0.0	0.278	0.445	0.0650	0.380	0.95	0.003<	8.06
820331	0845	47243	3	1.0	0.042	0.505	0.014	0.490	0.63	0.003<	7.86
820430	0945	47258	8	9.0	0.004<T	0.735	0.0020<T	0.735	0.51	0.003<	7.91
820528	1015	47274	8	16.5	0.002<T	0.370	0.0250	0.345	0.73	0.003<	7.83
820629	1030	47289	8	19.0	0.004<T	0.210	0.0015<T	0.210	0.58	0.003<	8.15
820727	0930	47304	8	24.0	0.006	0.110	0.0100	0.100	0.65	0.005	8.13
820827	0930	47319	8	18.0	0.004<T	0.125	0.0015<T	0.124	0.68	0.003<	8.71
820929	0900	47334	8	14.0	0.008	0.060	0.0105	0.049	0.59	0.003<	8.57
821028	1015	47349	8	7.0	0.024	0.050	0.0065	0.043	0.52	0.003<	8.89
821126	0959	47364	8	1.0	0.012	0.145	0.0010	0.144	0.460	0.004	8.44
821229		47379	8	2.0	0.006	0.240	0.0300	0.208	0.520	0.003<	8.46

(C O N T D)

B.O.W./ SITE: MOUNTSBERG CREEK
 SAMPLE POINT: AT HWY.401 ABOVE MOUNTSBERG RESEVOIR
 STATION TYPE: RIVER

STATION ID: 06-0060-004-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: BRONTE CREEK

STORET CODE: 02
 004
 4430

LAT: 43 28 06.74 LONG: 080 04 19.86 U T M: 17 0575050.0 4813050.0 4 REGION: 02 DISTANCE: 49.245

*=-INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	BOD5	CLIDUR	COND25	CUUT	DO	FCMF	FSMF	
				ALK	BOD	CHLORIDE	CONDUCT.	COPPER	DISOLVED	FECAL	FECAL	
				TOTAL	5 DAY	UNF.REAC	25C	UNF.TOT.	OXYGEN	COLIFORM	STREPCUS	
SAMPLE		SAMPLE	PROJECT	MG/L	TOT.DEM.	MG/L	UMHO/CM	MG/L	MG/L	MF	MF	
DATE	HOUR	DEPTH	SUB-PROJ	AS CAC03	AS O	AS CL	AT 25 C	AS CU	AS O	CNT	CNT	
YYMMDD	LMT	M	CODE							/100ML	/100ML	
820223	1015	47229	0.30	0101	296	0.2	18.50	640	0.013	9.00	10<	10<
820331	0815	47244	0.30	0101	152	0.6	14.00	365	0.004	1.00	10<	220
820430	0915	47259	0.30	0101	240.6	0.59	19.40	531.0	0.001<	10.00	10<	20<=>
820528	0950	47275	0.30	0101	232.4	0.72	14.60	489.0	0.004	7.10	670	420
820629	1000	47290	0.30	0101	218.5	1.28	21.40	487.0	0.017	6.00	2200	3000>
820727	0900	47305	0.30	0101	261.3	0.75	6.50	526.0	0.001<	7.30	470	1210
820827	0915	47320	0.30	0101	210.4	0.92	16.20	548.0	0.010	7.20	620	820
820929	0830	47335	0.30	0101	216.7	0.61	20.80	576.0	0.001	6.10		
821028	0950	47350	0.30	0101	264.9	0.85	19.40	598.0	0.008	10.00	20<=>	20<=>
821126	0826	47365	0.30	0101	227.3	0.88	20.50	519.0	0.130	10.20	10<	200
821229		47380	0.30	0101	177.0	1.06	15.40	418.0	0.003	11.80	10<	250
MAXIMUM		0.30		296	1.28	21.40	640	0.130	11.80	2200	1210	
ARITH MEAN		0.30		227	0.8	16.97	518	0.021	7.79	796	395	
GEOM MEAN				224	0.7	16.26	512		6.82			
MINIMUM		0.30		152	0.2	6.50	365	0.001	1.00	20	20	
STD DEV (GEOM *)				40	0.3	4.34	78		2.94			
# SAMP IN STATISTICS		11		11	11	11	11	9	11	5	8	
% SAMP (EXCLUDED)								18		50	20	

*=-INTERIM TEST-NAME:		FWPH	FWSTRC	FWTEMP	NNHTFR	NNOTFR	NNO2FR	NNO3FR	NNTKUR	PBUT	PH	
					NH3-N				K'DAHL N			
					TOTAL	NO2+NO3N	NO2-N	NO3-N	TOTAL	LEAD		
SAMPLE				WATER	FIL.REAC	FIL.REAC	FIL.REAC	FIL.REAC	FIL.TOT.	UNF.TOT.		
DATE	HOUR	PH	STREAM	TEMP	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L		
YYMMDD	LMT	FIELD	COND.	DEG.C	AS N	AS N	AS N	AS N	AS N	AS PB	PH	
820223	1015	47229	7.80	4	0.0	0.120	0.560	0.0170	0.545	0.50	0.003<	7.83
820331	0815	47244	7.30	3	0.0	0.086	1.300	0.018	1.280	0.43	0.003<	7.47
820430	0915	47259	7.90	8	9.0	0.008	0.215	0.0020<T	0.215	0.55	0.003<	7.91
820528	0950	47275	7.20	8	16.0	0.056	0.335	0.0060	0.330	0.80	0.003<	7.83
820629	1000	47290	7.60	8	17.0	0.004<T	1.550	0.0070	1.540	0.73	0.003<	7.63
820727	0900	47305	7.60	7	19.5	0.004<T	0.305	0.0035	0.300	0.55	0.004	8.19
820827	0915	47320	7.20	8	16.0	0.006	0.120	0.0025	0.118	0.66	0.003<	8.29
820929	0830	47335	6.90	8	13.0	0.006	0.085	0.0025	0.082	1.00	0.003<	8.06
821028	0950	47350	7.60	8	6.0	0.010	0.235	0.0105	0.225	0.42	0.003<	8.10
821126	0826	47365	7.40	8		0.012	0.110	0.0030	0.107	0.440	0.005	8.14
821229		47380	7.50	7	1.0	0.012	0.195	0.0190	0.175	0.390	0.003<	8.20

(C O N T D)

B.O.W./ SITE: BRONTE CREEK
 SAMPLE POINT: AT PROGRESTON ROAD
 STATION TYPE: RIVER FLOW GAUGE FED 02HB016

STATION ID: 06-0060-005-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: BRONTE CREEK

STORET CODE: 02
 004
 4430

LAT: 43 23 52.09 LONG: 079 57 41.44 U T M: 17 0584100.0 4805300.0 4 REGION: 02 DISTANCE: 29.450

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	CLIDUR	COD	COND25	DO	DOC	FCMF	FSMF	FWFLOW	
								CARBON	FECAL	FECAL		
								DISOLVED	COLIFORM	STREPCUS	STREAM	
								ORGANIC	MF	MF	FLOW	
								MG/L	CNT	CNT	M3	
								AS C	/100ML	/100ML	/S	
SAMPLE DATE	YMMDD LMT	SAMPLE NUMBER	DEPTH M	PROJECT SUB-PROJ CODE	CHLORIDE UNF.REAC MG/L AS CL	CHEM. OX DEMAND MG/L AS O	CONDUCT. 25C UMHO/CM AT 25 C	DISOLVED OXYGEN MG/L AS O	DISOLVED ORGANIC MG/L AS C	COLIFORM MF CNT /100ML	STREPCUS MF CNT /100ML	STREAM FLOW M3 /S
820113	0940	48331	0.30	0101	27.50	29	690	10.80	5.8	10<	20<=>	0.600
820210	0940	48376	0.30	0101	24.00	12	690	13.20	4.8	10<	40<=>	0.348
820309	0935	48426	0.30	0101	27.00	26	700.0	13.20	5.4	10<	10<=>	0.570
820414	0935	48483	0.30	0101	17.00	10	434	11.60	5.0	10<	10<	5.590
820505	0940	48549	0.30	0101	21.40	117	570.0	11.50	6.1	50<=>	20<=>	0.853
820608	0940	48604	0.30	0101	17.00	32	490.0	8.20	11.0	412	324	2.770
820706	0905	48666	0.30	0101	21.40	28	477.0	9.60	7.2	150	90<=>	0.876
820804	0815	48702	0.30	0101	18.40	22	488.0	6.00	7.7	900	1340	0.817
820913	0915	48787	0.30	0101	22.50	20	481.0	8.30	6.5	150	110	0.337
821012	0720	48854	0.30	0101	20.60	32.8	495.0	8.80	9.0	30<=>	230	1.320
821122	0935	48936	0.30	0101	20.00		509.0	10.20	7.6	160	350	2.420
821230	0905	48991	0.30	0101	16.30	21.0	466.0	12.20	5.5	20<=>	110	4.140
MAXIMUM		0.30			27.50	117	700.0	13.20	11.0	900	1340	5.590
ARITH MEAN		0.30			21.09	32	541	10.30	6.8	234	240	1.720
GEOM MEAN					20.80	25	533	10.06	6.6			1.144
MINIMUM		0.30			16.30	10	434	6.00	4.8	20	10	0.337
STD DEV (GEOM *)					3.71	29	97	2.20	1.8			1.685
# SAMP IN STATISTICS		12			12	11	12	12	12	8	11	12
% SAMP (EXCLUDED)										33	8	

*=INTERIM TEST-NAME:		FWPH	FWSTRC	FWTEMP	NNHTFR	NNOTFR	NNO2FR	NNO3FR	NNTKUR	PH	PP04FR	
					NH3-N				K'DAHL N			
					TOTAL	NO2+NO3N	NO2-N	NO3-N	TOTAL		P04	
					FIL.REAC	FIL.REAC	FIL.REAC	FIL.REAC	FIL.TOT.		FIL.REAC	
					MG/L	MG/L	MG/L	MG/L	MG/L		MG/L	
					AS N	AS N	AS N	AS N	AS N	PH	AS P	
SAMPLE DATE	YMMDD LMT	SAMPLE NUMBER	PH FIELD	STREAM COND.	WATER TEMP DEG.C							
820113	0940	48331	7.45	4	2.0	0.054	1.850	0.010	1.840	0.65	8.19	0.003
820210	0940	48376		4	1.0	0.120	2.100	0.019	2.080	0.52	8.49	0.005
820309	0935	48426		4	3.0	0.052	1.700	0.160	1.540	0.61	8.01	0.0100
820414	0935	48483		8	4.0	0.016	0.715	0.0060	0.710	0.55	8.21	0.0035
820505	0940	48549	7.40	8	11.5	0.002<T	1.550	0.0240	1.530	0.53	8.34	0.0040
820608	0940	48604	6.80	8	14.0	0.012	0.485	0.0150	0.470	0.78	8.04	0.0140
820706	0905	48666	7.80	8	21.5	0.002<T	0.940	0.0030	0.935	0.60	8.34	0.0050
820804	0815	48702	8.00	8	18.0	0.006	1.000	0.0530	0.945	0.86	8.09	0.0235
820913	0915	48787	7.90	8	18.0	0.038	1.350	0.0110	1.340	0.61	8.30	0.0065
821012	0720	48854	7.80	8	13.0	0.002<T	0.795	0.0060	0.789	0.72	8.18	0.0050
821122	0935	48936	8.10	8	7.0	0.006	0.705	0.0080	0.697	0.550	8.13	0.0050
821230	0905	48991	7.95	8	1.5	0.012	0.950	0.0085	0.941	0.440	8.37	0.0040

(C O N T D)

B.O.W./ SITE: BRONTE CREEK
 SAMPLE POINT: AT PROGRESTON ROAD
 STATION TYPE: RIVER FLOW GAUGE FED 02HB016

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: BRONTE CREEK

STATION ID: 06-0060-005-02

STORET CODE: 02
 004
 4430

LAT: 43 23 52.09 LONG: 079 57 41.44 U T M: 17 0584100.0 4805300.0 4 REGION: 02 DISTANCE: 29.450

*=INTERIM TEST-NAME:		FWPH	FWSTRC	FWTEMP	NNHTFR NH3-N TOTAL	NNOTFR NO2+NO3N FIL.REAC	NN02FR NO2-N FIL.REAC	NN03FR NO3-N FIL.REAC	NNTKUR K'DAHL N TOTAL	PH	PP04FR P04 FIL.REAC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	PH FIELD	STREAM COND.	WATER TEMP DEG.C	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.TOT. MG/L AS N	PH AS P
		MAXIMUM	8.10		21.5	0.120	2.100	0.160	2.080	0.86	8.49
		ARITH MEAN	7.69		9.5	0.027<A	1.178	0.027	1.151	0.62	8.22
		GEOM MEAN	7.68		6.3	0.012<A	1.076	0.014	1.052	0.61	8.22
		MINIMUM	6.80		1.0	0.002	0.485	0.0030	0.470	0.440	8.01
		STD DEV (GEOM *)	0.41		7.4	0.035<A	0.518	0.044	0.504	0.12	0.15
		# SAMP IN STATISTICS	9		12	12	12	12	12	12	12
		% SAMP (EXCLUDED)									

*=INTERIM TEST-NAME:		PPUT	RSF	RSP	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	TURB TURB'ITY FTU
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	PHOSPHOR UNF.TOT. MG/L AS P	RESIDUE FILTERED MG/L	RESIDUE PARTIC. MG/L		
820113	0940	48331	0.002	430	2.0	440<=>	8600
820210	0940	48376	0.023	423	3.1	240	1480
820309	0935	48426	0.025	415.0	4.700	160<=>	700
820414	0935	48483	0.038	276.0	1.940	130	1200
820505	0940	48549	0.030	353.0	0.390<T	230<=>	10000
820608	0940	48604	0.043		14.400	2700<=>	31000
820706	0905	48666	0.025	329.0	5.910	400<=>	11000
820804	0815	48702	0.096	343.0	16.400	3600<=>	39000
820913	0915	48787	0.018	327.0	2.920	320<=>	24000
821012	0720	48854	0.024	335.0	7.320	1800	19000
821122	0935	48936	0.019	342.0	2.600	740<=>	16000
821230	0905	48991	0.025	314.0	3.960	1040	3000>
		MAXIMUM	0.096	430	16.400	3600	39000
		ARITH MEAN	0.031	353	5.5 <A	983	14725
		GEOM MEAN	0.023	350	3.7 <A	556	
		MINIMUM	0.002	276.0	0.390	130	700
		STD DEV (GEOM *)	0.023	49	5.0 <A	3*	
		# SAMP IN STATISTICS	12	11	12	12	11
		% SAMP (EXCLUDED)					8

B.O.W./ SITE: CREDIT RIVER
 SAMPLE POINT: SOUTHERN DAM OF ORANGEVILLE RESERVOIR
 STATION TYPE: RIVER

STATION ID: 06-0076-019-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: CREDIT RIVER

STORET CODE: 02
 004
 4170

LAT: 43 55 37.81 LONG: 080 05 03.81 U T M: 17 0573500.0 4863975.0 4 REGION: 02 DISTANCE: 87.868

*=INTERIM	TEST-NAME:	FWSADP	FWDPTS	FGPROJ	ALK	BOD5	CAUR	CDUT	CLIDUR	COD	CONDAM
					ALK	BOD	CALCIUM	CADMIUM	CHLORIDE	CHEM. OX	CONDUCT.
SAMPLE		SAMPLE	WATER	PROJECT	TOTAL	5 DAY	UNF. REAC	UNF. TOT.	UNF. REAC	DEMAND	AMBIENT
DATE	HR	DEPTH	DEPTH	SUB-PROJ	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UMHO/CM
YYMMDD	LMT	NUMBER	M	CODE	AS CAC03	AS O	AS CA	AS CD	AS CL	AS O	AMBIENT
820113	1135	48334	0.30	0101	196	0.8	52.0	0.0004	16.50	0	
820128	1150	48353	0.30	0101	224	0.6	61.0	0.0001<	19.00	12	
820210	1130	48379	0.30	0101	235		56.0	0.0001<	18.50	6	
820223	1200	48408	0.30	0101	244	0.2	64.0	0.0001	14.50	10	
820309	1125	48429	0.30	0101	243	0.4	72.0	0.0010	21.00	14	
820324	1110	48468	0.30	0101	224	2.0	62.0	0.0002<	28.50	2	
820414	1115	48486	0.30	0101	174	1.0	53.0	0.0002<	21.00	2	
820429	1045	48536	0.30	0101	148.0	0.44<T	44.0	0.0003	14.00	1.0<W	
820505	1110	48552	0.30	0101	242.0	0.57	46.8	0.0002<	17.20	14	
820519	1105	48582	0.30	0101	158.6	0.87	45.7	0.0002<	13.40	12	
820608	1145	48607	0.30	0101	139.8	1.01	40.0	0.0002<	12.80	18	
820623	1130	48654	0.30	0101	88.7	0.55	21.6	0.0002<	12.40	16	
820707	1450	48669	0.30	0101		0.50	16.9	0.0003	12.40	14	
820804	1035	48707	0.30	0101	71.5	1.27	13.8	0.0002	12.20	18	
820823	1115	48742	0.30	0101	72.4	0.46	14.0	0.0002<	11.50	14	
820908	1147	48773	0.30	0101	74.7	0.67			11.30	20	
820913	1225	48795	0.30	0101	76.4	0.43<T	14.9	0.0003	11.50	20	
820922	0915	48754	0.30	0101	74.9	0.84			10.80	14	
820928	1410	48838	0.30	0101	80.3	0.65	16.7	0.0002<	11.00	26	
821005	1122	48777	0.30	0101	95.0	0.62			12.40	8.8	
821012	1030	48852	0.30	0101	92.7	0.51	21.1	0.0002	11.40	10.8	
821021		48758	0.30	0101	96.3	0.18<T			11.40	16.3	
821026	1015	48893	0.30	0101	98.0		23.5	0.0002<	11.50	19.8	
821104	1050	48781	0.30	0101	129.2	0.85			17.70	16.4	90
821109	1020	48912	0.30	0101	103.6	0.93	25.6	0.0002<	11.60	21.5	
821118	0915	27		0101	117.9				11.80	19.6	
821122	1210	48943	0.30	0101	120.0	0.89	30.1	0.0002<	11.60		
821202	1535	48785	0.30	0101	163.5	2.66			20.30	47.2	
821214	1020	48978	0.30	0101	154.5	0.84	44.8	0.0002	13.60	20.9	
821223	0840	48766		0101	157.0	0.89			13.20	19.0	
821230	1125	48998	0.30	0101	166.7		54.1	0.0002<	13.80	12.8	
MAXIMUM			0.30	1.00	244	2.66	72.0	0.0010	28.50	47.2	90
ARITH MEAN			0.30	0.62	142	0.8 <A	38.9	0.0003	14.51	15 <A	90
GEOM MEAN					131	0.7 <A	34.0		14.05		
MINIMUM			0.30	0.50	71.5	0.18	13.8	0.0001	10.80	0	90
STD DEV (GEOM *)					59	0.5 <A	18.7		4.10		
# SAMP IN STATISTICS			29	4	30	27	23	9	31	30	1
% SAMP (EXCLUDED)								60			

(CONTD)

B.O.W./ SITE: CREDIT RIVER
 SAMPLE POINT: SOUTHERN DAM OF ORANGEVILLE RESERVOIR
 STATION TYPE: RIVER

STATION ID: 06-0076-019-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: CREDIT RIVER

STORET CODE: 02
 004
 4170

LAT: 43 55 37.81 LONG: 080 05 03.81 U T M: 17 0573500.0 4863975.0 4 REGION: 02 DISTANCE: 87.868

*INTERIM TEST-NAME:		COND25	CRUT	CUUT	DIC CARBON	DO	DOC CARBON	FCMF	FSMF	FWPH	FWSTRC
		CONDUCT.	CHROMIUM	COPPER	DISOLVED	DISOLVED	DISOLVED	FECAL	FECAL		
		25C	UNF.TOT.	UNF.TOT.	INORGAN.	OXYGEN	ORGANIC	COLIFORM	STREPCUS		
SAMPLE		UMHO/CM	MG/L	MG/L	MG/L	MG/L	MG/L	MF	MF	PH	STREAM
DATE	TIME	AT 25 C	AS CR	AS CU	AS C	AS O	AS C	CNT	CNT	FIELD	COND.
YYMMDD	LMT	SAMPLE NUMBER						/100ML	/100ML		
820113	1135	48334	445	0.002<	0.002	10.80	4.3	4<	4<	7.50	8
820128	1150	48353	510	0.003	0.003	10.30	4.1			7.90	8 0
820210	1130	48379	530	0.003	0.004	11.20	4.0	10<	10<		8 0
820223	1200	48408	525	0.003	0.004	10.60	3.4			7.80	6
820309	1125	48429	560	0.004	0.005	8.50	2.8	10<=>	10<		8
820324	1110	48468	570	0.005	0.006	11.60	3.2				8
820414	1115	48486	422	0.002<	0.014	8.10	3.6	10<	10<		8
820429	1045	48536	353.0	0.003	0.014	10.40	3.6			7.30	8
820505	1110	48552	392.0	0.001<	0.003	11.80	3.4	10<=>	50<=>	7.40	8
820519	1105	48582	357.0	0.002<	0.006	8.40	4.0			7.30	8
820608	1145	48607	325.0	0.003	0.005	8.60	3.9	4<	16	7.90	8
820623	1130	48654	233.0	0.002<	0.002	14.00	4.1			8.90	8
820707	1450	48669	213.0	0.001<	0.003	10.20	4.0	10<=>	100	9.10	8
820804	1035	48707	194.0	0.001	0.006	6.10	4.7	10<=>	110	9.45	8
820823	1115	48742	195.0	0.001<	0.003	8.40	4.7			9.50	8
820908	1147	48773	202.0			13.2	9.00			9.20	7
820913	1225	48795	202.0	0.004	0.002	8.30	5.3	4<	4<	9.75	8
820922	0915	48754	195.0			15.8	8.1			9.30	8
820928	1410	48838	208.0	0.001	0.002	9.80	4.6			8.90	8
821005	1122	48777	238.0			19.2	8.60			8.60	8
821012	1030	48852	234.0	0.001	0.002	9.10	5.0	24	12	9.05	8
821021		48758	245.0			22.6	4.8				
821026	1015	48893	247.0	0.003	0.003	15.10	4.7			9.05	8
821104	1050	48781	328.0			30.8	9.20			7.00	8
821109	1020	48912	256.0	0.001<	0.003	11.60	4.8	10<	10<	8.80	8
821118	0915	27	285.0			28.3	4.5				
821122	1210	48943	289.0	0.001	0.008	11.80	4.4			8.60	8
821202	1535	48785	402.0			38.0	9.80			9.20	8
821214	1020	48978	356.0	0.001	0.004	11.60	5.8	4<	4	8.50	8
821223	0840	48766	356.0			42.0	4.3				
821230	1125	48998	380.0	0.001<	0.003	12.60	3.7			8.10	8
MAXIMUM		570	0.005	0.014	42.0	15.10	5.8	24	110	9.75	
ARITH MEAN		331	0.003	0.005	26.2	10.1	4.3	13	49	8.50	
GEOM MEAN		311		0.004	24.4	9.9	4.2			8.47	
MINIMUM		194.0	0.001	0.002	13.2	6.10	2.8	10	4	7.00	
STD DEV (GEOM *)		119		0.003	10.4	2.0	0.7			0.81	
# SAMP IN STATISTICS		31	14	23	8	28	31	5	6	24	
% SAMP (EXCLUDED)			39					58	50		

(C O N T D)

B.O.W./ SITE: CREDIT RIVER
 SAMPLE POINT: SOUTHERN DAM OF ORANGEVILLE RESERVOIR
 STATION TYPE: RIVER

STATION ID: 06-0076-019-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: CREDIT RIVER

STORET CODE: 02
 004
 4170

LAT: 43 55 37.81 LONG: 080 05 03.81 U T M: 17 0573500.0 4863975.0 4 REGION: 02 DISTANCE: 87.868

*INTERIM TEST-NAME:		FWTEMP	HARDT	MGUR	NIUT	NNHTFR NH3-N TOTAL	NNOTFR	NN02FR	NN03FR	NNTKUR K'DAHL N TOTAL	PBUT LEAD	
SAMPLE DATE HOUR YYMMDD LMT	SAMPLE NUMBER	WATER TEMP DEG.C	HARDNESS TOTAL MG/L AS CaCO3	MAGNESIM FIL.REAC MG/L AS MG	NICKEL UNF.TOT. MG/L AS NI	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.TOT. MG/L AS N	UNF.TOT. MG/L AS PB	
820113	1135	48334	3.0	198	16.50	0.002<	0.038	0.240	0.004	0.235	0.36	0.003<
820128	1150	48353	3.5	233	19.50	0.001	0.046	0.305	0.006	0.300	0.42	0.004
820210	1130	48379	1.0	222	20.00	0.001<	0.070	0.360	0.005	0.355	0.43	0.003<
820223	1200	48408	1.0	236.0	18.50	0.001<	0.148	0.565	0.010	0.555	0.45	0.003<
820309	1125	48429	3.5	262	20.00	0.001	0.198	0.575	0.061	0.515	0.56	0.003<
820324	1110	48468	7.0	235	19.50	0.001<	0.160	1.750	0.036	1.710	0.78	0.003<
820414	1115	48486	3.5	186	13.00	0.002<	0.062	0.425	0.0215	0.405	0.43	0.003<
820429	1045	48536	9.0	156.0	11.30	0.001<	0.002<W	0.140	0.0010<T	0.140	0.44	0.003<
820505	1110	48552	13.0	169.0	12.70	0.002<	0.008	0.680	0.0710	0.610	0.45	0.003<
820519	1105	48582	18.5	165.0	12.30	0.002	0.132	0.050	0.0190	0.030	0.56	0.003<
820608	1145	48607	17.0	150.0	12.20	0.001<	0.104	0.035	0.0210	0.015	0.56	0.003<
820623	1130	48654	16.5	100.0	11.10	0.002<	0.030	0.050	0.0360	0.015	0.48	0.003<
820707	1450	48669	24.0	90.0	11.70	0.001<	0.002<T	0.090	0.0710	0.020	0.43	0.003<
820804	1035	48707	19.5	78.0	10.50	0.001<	0.076	0.030	0.0030	0.025	0.48	0.007
820823	1115	48742	18.0	77.0	10.20	0.001<	0.016	0.085	0.0780	0.005	0.48	0.003<
820908	1147	48773	11.0	75.0			0.054	0.015	0.0010<T	0.014	0.50	
820913	1225	48795	20.0	76.0	9.46	0.001<	0.074	0.020	0.0020	0.018	0.57	0.008
820922	0915	48754	13.0	77.0			0.062	0.020	0.0150	0.005	0.57	
820928	1410	48838	16.0	84.0	10.30	0.001<	0.042	0.035	0.0220	0.013	0.50	0.003<
821005	1122	48777	14.0	101.0			0.032	0.190	0.0290	0.161	0.54	
821012	1030	48852	12.0	104.0	12.40	0.001	0.042	0.040	0.0210	0.019	0.46	0.005
821021		48758		105.0			0.006	0.065	0.0410	0.024	0.37	
821026	1015	48893	7.5	109.0	12.30	0.001<	0.026	0.030	0.0060	0.024	0.44	0.003<
821104	1050	48781	9.0	146.0			0.004<T	0.895	0.0230	0.872	0.300	
821109	1020	48912	5.0	116.0	12.70	0.001<	0.042	0.030	0.0070	0.023	0.460	0.003<
821118	0915	27		134.0			0.006	0.075	0.0265	0.049	0.340	
821122	1210	48943	6.0	126.0	12.30	0.001<	0.004<T	0.070	0.0640	0.006	0.430	0.003<
821202	1535	48785	7.0	203.0			0.004<T	1.500	0.0020<T	1.500	0.975	
821214	1020	48978	2.0	171.0	14.30	0.001	0.012	0.100	0.0020	0.098	0.270	0.007
821223	0840	48766		180.0			0.004<T	0.030	0.0200	0.010	0.390	
821230	1125	48998	0.5	194.0	14.20	0.001<	0.032	0.140	0.0050	0.135	0.320	0.003<
MAXIMUM		24.0	262	20.00	0.002	0.198	1.750	0.0780	1.710	0.975	0.008	
ARITH MEAN		10.0	147	13.78	0.001	0.050<A	0.279	0.024 <A	0.255	0.48	0.006	
GEOM MEAN		7.0	136	13.41		0.025<A	0.112	0.013 <A	0.066	0.46		
MINIMUM		0.5	75.0	9.46	0.001	0.002	0.015	0.0010	0.005	0.270	0.004	
STD DEV (GEOM *)		6.8	57	3.43		0.051<A	0.425	0.023 <A	0.423	0.14		
# SAMP IN STATISTICS		28	31	23	5	31	31	31	31	31	5	
% SAMP (EXCLUDED)					78						78	

(C O N T D)

B.O.W./ SITE: CREDIT RIVER
 SAMPLE POINT: SOUTHERN DAM OF ORANGEVILLE RESERVOIR
 STATION TYPE: RIVER

STATION ID: 06-0076-019-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: CREDIT RIVER

STORET CODE: 02
 004
 4170

LAT: 43 55 37.81 LONG: 080 05 03.81 U T M: 17 0573500.0 4863975.0 4 REGION: 02 DISTANCE: 87.868

*=INTERIM TEST-NAME:		PH	PHNOL	PP04FR	PPUT	RSF	RSP	RST	SS04UR	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML
SAMPLE DATE YYMMDD	HOURL LMT	SAMPLE NUMBER	PH	PHENOLS UNF-REAC UG/L PHENOL	P04 FIL.REAC MG/L AS P	PHOSPHOR UNF.TOT. MG/L AS P	RESIDUE FILTERED MG/L	RESIDUE PARTIC. MG/L	RESIDUE TOTAL MG/L	SULPHATE UNF.REAC MG/L AS S04	
820113	1135	48334	8.19	1 <T	0.006	0.040	270	0.6		25.0	40<=>
820128	1150	48353	8.53	1 <T	0.002	0.014	323	0.8		26.5	
820210	1130	48379	7.56	1 <T	0.041	0.049	314	0.7		28.5	80<=>
820223	1200	48408	7.71	1 <T	0.011	0.011	325	0.8		29.5	
820309	1125	48429	8.17	1.0<T	0.021	0.018	320	0.8		26.5	70<=>
820324	1110	48468	7.90	1	0.001 <T	0.205	337	5.6		30.5	
820414	1115	48486	7.88	1 <T	0.0055	0.025	258.0	1.510		17.7	10<
820429	1045	48536	8.06		0.0080	0.054	229.0	1.240		28.1	
820505	1110	48552	8.11	0.2<W	0.0090	0.049	255.0	1.540		17.1	150<=>
820519	1105	48582	8.23		0.0160	0.041	232.0	2.280		14.3	
820608	1145	48607	8.29	0.2<W	0.0080	0.027	211.0	1.520		13.6	1400
820623	1130	48654	8.79		0.0080	0.022	146.0	0.950<T		13.3	
820707	1450	48669	9.17	0.2<T	0.0110	0.029	138.0	2.090		13.8	30<=>
820804	1035	48707	9.36	-0.4<T	0.0085	0.094	126.0	1.580		27.3	40<=>
820823	1115	48742	9.71		0.0130	0.021	127.0	1.130		10.9	1400
820908	1147	48773	9.83		0.0060	0.020		0.880<T	132.0		
820913	1225	48795	9.22	1.2	0.0070	0.018	131.0	1.510		11.2	10<
820922	0915	48754	9.33		0.0070	0.019		0.500	128.0		100
820928	1410	48838	8.77		0.006	0.020	141.0	0.960		11.6	
821005	1122	48777	9.30		0.1200	0.122		10.400	165.0		
821012	1030	48852	8.92	0.4<T		0.200	152.0	1.520		12.3	230
821021		48758	8.70		0.0060	0.016		1.260	161.0		2300
821026	1015	48893	8.54		0.0030	0.012	143.0	0.720<T		11.7	
821104	1050	48781	8.51		0.0030	0.010		0.460<T	213.0		
821109	1020	48912	8.78	0.2<W	0.0040	0.010	166.0	1.420		11.89	20<
821118	0915	27	8.52			0.014		1.590	187.0		200
821122	1210	48943	8.44		0.0030	0.015	190.0	1.450		12.65	
821202	1535	48785	7.62		0.0100	0.093		24.000	426.0		
821214	1020	48978	8.30	0.6<T	0.0030	0.013	231.0	0.890<T		15.48	20<=>
821223	0840	48766	8.54		0.0050	0.023		3.980	235.0		40<=>
821230	1125	48998	8.49		0.0040	0.032	247.0	1.940		17.90	
MAXIMUM			9.83	1.2	0.1200	0.205	337	24.000	426.0	30.5	1400
ARITH MEAN			8.56	1 <A	0.012 <A	0.043	218	2.5 <A	205.9	18.6	380
GEOM MEAN			8.54		0.007 <A	0.028	206	1.4 <A	191.2	17.3	462
MINIMUM			7.56	-0.4	0.001	0.010	126.0	0.460	128.0	10.9	20
STD DEV (GEOM *)			0.59		0.022 <A	0.050	73	4.4 <A	96.3	7.2	9*
# SAMP IN STATISTICS			31	15	29	31	23	31	8	23	9
% SAMP (EXCLUDED)											25

(C O N T D)

B.O.W./ SITE: CREDIT RIVER
SAMPLE POINT: SOUTHERN DAM OF ORANGEVILLE RESERVOIR
STATION TYPE: RIVER

STATION ID: 06-0076-019-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: CREDIT RIVER

STORET CODE: 02
004
4170

LAT: 43 55 37.81 LONG: 080 05 03.81

U T M: 17 0573500.0 4863975.0 4

REGION: 02

DISTANCE: 87.868

*=INTERIM TEST-NAME:		TURB	ZNUT
			ZINC
SAMPLE			UNF.TOT.
DATE	HOOR	SAMPLE	TURB'ITY
YYMMDD	LMT	NUMBER	FTU
			MG/L
			AS ZN
820113	1135	48334	0.85
820128	1150	48353	1.06
820210	1130	48379	1.25
820223	1200	48408	0.92
820309	1125	48429	2.20
820324	1110	48468	4.40
820414	1115	48486	2.60
820429	1045	48536	1.81
820505	1110	48552	1.64
820519	1105	48582	3.70
820608	1145	48607	1.74
820623	1130	48654	1.88
820707	1450	48669	2.20
820804	1035	48707	1.22
820823	1115	48742	0.99
820913	1225	48795	1.20
820928	1410	48838	1.00
821012	1030	48852	1.97
821026	1015	48893	0.70
821109	1020	48912	1.14
821122	1210	48943	0.72
821214	1020	48978	1.01
821230	1125	48998	2.80
MAXIMUM		4.40	0.015
ARITH MEAN		1.70	0.005
GEOM MEAN		1.49	
MINIMUM		0.70	0.001
STD DEV (GEOM *)		0.96	
# SAMP IN STATISTICS		23	20
% SAMP (EXCLUDED)			13

B.O.W./ SITE: MAITLAND RIVER
 SAMPLE POINT: HIGHWAY 87, DOWNSTREAM FROM HARRISTON
 STATION TYPE: RIVER

STATION ID: 08-0056-007-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: MAITLAND RIVER

STORET CODE: 02
 002
 0530

LAT: 43 54 12.78 LONG: 080 53 34.48 U T M: 17 0508600.0 4860950.0 4 REGION: 02 DISTANCE: 134.859

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	BOD5	CLIDUR	COND25	DO	FCMF	FSMF	FWSTRC	FWTEMP
				BOD 5 DAY TOT.DEM.	CHLORIDE UNF.REAC	CONDUCT. 25C	DISOLVED OXYGEN	COLIFORM MF	STREPCUS MF		
SAMPLE DATE	HOUR	SAMPLE DEPTH	PROJECT SUB-PROJ	MG/L AS O	MG/L AS CL	UMHO/CM AT 25 C	MG/L AS O	CNT /100ML	CNT /100ML	STREAM COND.	WATER TEMP DEG.C
YYMMDD	LMT	NUMBER	CODE								
820105	0910	52001	0101	2.9	21.000	660.0	10.5			4	0.0
820201	0845	52016	0101	1.00	46.000	855.0	11.5	1500>	1100	4	0.0
820301	0850	52031	0101	2.30	16.500	700.0	9.5			4	0.0
820430	0840	52046	0101	1.40	13.000	469.0	11.0	800AID	600AID	3	1.0
820503	0900	52061	0101				9.0		660	8	10.0
820601	0840	52076	0101	1.50	10.000	575.0	4.5	34000>	740	8	20.0
820705	0840	52091	0101	1.60	11.000	562.0	7.0	2100	20AID	8	19.5
820803	0845	52106	0101	0.90	11.000	600.0	5.0	100	20AID	8 0	19.5
820907	0850	52121	0101	1.17	14.500	605.0	6.5			8	12.5
821004	0845	52136	0101	0.83	16.000	660.0	6.5			8	11.0
821108	0917	52151	0101	4.16	21.000	685.0	9.5	280	196	8	8.0
821206	0840	52166	0101	1.60	11.500	474.0	10.0	1500>	600>	3	7.5
MAXIMUM		0.30		4.16	46.000	855.0	11.5	2100	1100		20.0
ARITH MEAN		0.30		1.8	17.409	622.3	8.4	820	477		9.1
GEOM MEAN				1.6	15.676	613.8	8.0				
MINIMUM		0.30		0.83	10.000	469.0	4.5	100	20		0.0
STD DEV (GEOM *)				1.0	10.227	109.1	2.4				
# SAMP IN STATISTICS		12		11	11	11	12	4	7		12
% SAMP (EXCLUDED)								42	12		

*=INTERIM TEST-NAME:		NNHTFR	NN02FR	NN03FR	NNTKUR	PH	PP04FR	PPUT	PSAMF	RSF	RSP
		NH3-N TOTAL	N02-N FIL.REAC	N03-N FIL.REAC	K'DAHL N FIL.TOT.		P04 FIL.REAC	PHOSPHOR UNF.TOT.	PSEUDOMN AERUG. MF		
SAMPLE DATE	HOUR	MG/L AS N	MG/L AS N	MG/L AS N	MG/L AS N	PH	MG/L AS P	MG/L AS P	CNT /100ML	RESIDUE FILTERED MG/L	RESIDUE PARTIC. MG/L
YYMMDD	LMT	NUMBER									
820105	0910	52001	0.135	0.019	3.230	0.860	7.87	0.030	0.081	416.5	7.0
820201	0845	52016	0.485	0.030	2.820	1.080	7.94	0.295	0.350	546.2	2.4
820301	0850	52031	0.480	0.020	1.930	1.260	8.03	0.430	0.510	452.6	2.9
820430	0840	52046	0.215	0.022	3.100	0.920	7.81	0.070	0.115	292.0	16.2
820503	0900	52061								8	
820601	0840	52076	0.225	0.044	0.840	0.990	7.94	0.089	0.119	325.0	3.0
820705	0840	52091	0.040	0.029	0.450	0.720	8.01	0.015	0.048	390.4	1.3
820803	0845	52106	0.030	0.020	0.100	0.580	7.73	0.082	0.111	148	0.1<
820907	0850	52121	0.120	0.145	0.230	0.720	7.87	0.156	0.176	390.6	0.5
821004	0845	52136	0.065	0.026	0.660	0.700	7.99	0.109	0.137	419.4	5.5
821108	0917	52151	0.260	0.070	3.180	1.420	8.01	0.104	0.225	463.0	9.2
821206	0840	52166	0.055	0.021	3.900	1.090	7.88	0.500	0.513	303.1	36.5

(C O N T D)

B.O.W./ SITE: MAITLAND RIVER
 SAMPLE POINT: HIGHWAY 87, DOWNSTREAM FROM HARRISTON
 STATION TYPE: RIVER

STATION ID: 08-0056-007-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: MAITLAND RIVER

STORET CODE: 02
 002
 0530

LAT: 43 54 12.78 LONG: 080 53 34.48 U T M: 17 0508600.0 4860950.0 4 REGION: 02 DISTANCE: 134.859

*=INTERIM TEST-NAME:		NNHTFR NH3-N TOTAL	NN02FR N02-N FIL.REAC	NN03FR N03-N FIL.REAC	NNTKUR K'DAHL N TOTAL	PH	PP04FR P04 FIL.REAC	PPUT PHOSPHOR UNF.TOT.	PSAMF PSEUDOMN AERUG. MF CNT	RSF RESIDUE FILTERED	RSP RESIDUE PARTIC.
DATE	TIME	MG/L	MG/L	MG/L	MG/L		MG/L	MG/L		MG/L	MG/L
YYMMDD	LMT	AS N	AS N	AS N	AS N	PH	AS P	AS P	/100ML		
MAXIMUM		0.485	0.145	3.900	1.420	8.03	0.500	0.513	148	546.2	36.5
ARITH MEAN		0.192	0.041	1.858	0.940	7.92	0.171	0.217	36	399.9	8.4
GEOM MEAN		0.132	0.032	1.131	0.908	7.92	0.109	0.168		392.9	
MINIMUM		0.030	0.019	0.100	0.580	7.73	0.015	0.048	4	292.0	0.5
STD DEV (GEOM *)		0.164	0.038	1.431	0.258	0.09	0.164	0.167		78.6	
# SAMP IN STATISTICS		11	11	11	11	11	11	11	6	10	10
% SAMP (EXCLUDED)									14		9

*=INTERIM TEST-NAME:		RST	TCMF COLIFORM TOTAL MF CNT	TCMFBK COLIFORM TOTAL MF BCKGRD CNT	TURB TURB'ITY FTU
DATE	TIME	RESIDUE TOTAL MG/L	/100ML	/100ML	
YYMMDD	LMT	SAMPLE NUMBER			
820105	0910	52001	423.5		3.00
820201	0845	52016	548.6	13400C	1.90
820301	0850	52031	455.5		1.80
820430	0840	52046	308.2	12000	7.00
820503	0900	52061		55000	
820601	0840	52076	328.0	190000	0.95
820705	0840	52091	391.7	2500C	1.64
820803	0845	52106	405.0	1700	0.74
820907	0850	52121	391.1		1.16
821004	0845	52136	424.9		1.73
821108	0917	52151	472.2	1600	2.30
821206	0840	52166	339.6	7000C	33.00
MAXIMUM		548.6	190000	180000	33.00
ARITH MEAN		408.0	35400	52025	5.02
GEOM MEAN		402.7	9725	27097	2.36
MINIMUM		308.2	1600	3200	0.74
STD DEV (GEOM *)		69.5	5*	4*	9.44
# SAMP IN STATISTICS		11	8	8	11
% SAMP (EXCLUDED)					

B.O.W./ SITE: SOUTH SAUGEEN RIVER
 SAMPLE POINT: AT WELLINGTON COUNTY ROAD 9
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: SAUGEEN RIVER

STATION ID: 08-0123-016-02

STORET CODE: 02
 002
 1260

LAT: 43 57 15.25 LONG: 080 46 02.12 U T M: 17 0518675.0 4866600.0 4 REGION: 02 DISTANCE: 132.284

*INTERIM TEST-NAME:		FWSADP	FGPROJ	BOD5	CLIDUR	COND25	DO	FCMF	FSMF	FWSTRC	FWTEMP
				BOD 5 DAY TOT.DEM. MG/L AS O	CHLORIDE UNF.REAC MG/L AS CL	CONDUCT. 25C UMHO/CM AT 25 C	DISOLVED OXYGEN MG/L AS O	FECAL COLIFORM MF CNT /100ML	FECAL STREPCUS MF CNT /100ML		WATER TEMP DEG.C
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE						STREAM COND.	
820119	1240	52516	0.30	0101	0.3	7.500	525.0	12.0	328	48	0.0
820216	1120	52533	0.30	0101	0.5	8.000	515.0	12.0	140	16	0.0
820316	1040	52550	0.30	0101	1.2	8.500	433.0	12.0	176	592	0.0
820420	1038	52567	0.30	0101				11.0	600>	60	8.0
820518	1055	52584	0.30	0101	0.9	9.000	434.0	10.0	4<	4	20.0
820622	1020	52601	0.30	0101	3.4	4.000	355.0	10.5	248	216	15.0
820720	1020	52618	0.30	0101	1.2	10.500	438.0	9.5	12	4	21.0
820817	1045	52635	0.30	0101	0.60	15.500	462.0	9.0	8	4	20.0
820928	1035	52652	0.30	0101	0.66	8.500	470.0	9.0			15.0
821019	1000	52669	0.30	0101	1.09	8.500	496.0	10.5	20	12	8.0
821117	1015	52686	0.30	0101	0.94	8.500	453.0	12.0	8	4	0.0
821214	1020	52703	0.30	0101	0.17	7.500	490.0	11.0	4<	4	0.0
MAXIMUM		0.30			3.4	15.500	525.0	12.0	328	592	21.0
ARITH MEAN		0.30			1.0	8.727	461.0	10.7	117	88	8.9
GEOM MEAN					0.8	8.350	458.6	10.6		18	
MINIMUM		0.30			0.17	4.000	355.0	9.0	8	4	0.0
STD DEV (GEOM *)					0.9	2.742	47.4	1.2		6*	
# SAMP IN STATISTICS		12			11	11	11	12	8	11	12
% SAMP (EXCLUDED)									27		

*INTERIM TEST-NAME:		NNHTFR	NN02FR	NN03FR	NNTKUR	PH	PP04FR	PPUT	PSAMF	RSF	RSP
		NH3-N TOTAL FIL.REAC MG/L AS N	N02-N FIL.REAC MG/L AS N	N03-N FIL.REAC MG/L AS N	K'DAHL N TOTAL FIL.TOT. MG/L AS N		P04 FIL.REAC MG/L AS P	PHOSPHOR UNF.TOT. MG/L AS P	PSEUDOMN AERUG. MF CNT /100ML	RESIDUE FILTERED MG/L	RESIDUE PARTIC. MG/L
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER				PH					
820119	1240	52516	0.065	0.008	1.150	0.490	7.82	0.011	0.019	4	2.20
820216	1120	52533	0.055	0.010	1.500	0.480	7.97	0.013	0.023	4	3.5
820316	1040	52550	0.090	0.014	1.610	0.720	8.00	0.017	0.043	4	6.3
820420	1038	52567								4<	
820518	1055	52584	0.025	0.010	0.840	0.570	8.41	0.003	0.022	4	1.4
820622	1020	52601	0.006	0.006	0.460	0.760	8.11		0.064	4<	10.90
820720	1020	52618	0.020	0.031	0.680	0.580	8.34	0.001	0.022	4<	4.6
820817	1045	52635	0.020	0.023	0.940	0.470	8.20	0.001	0.012	4<	2.3
820928	1035	52652	0.010	0.008	0.500	0.640	8.35	0.009	0.033		7.1
821019	1000	52669	0.005	0.003	0.580	0.520	8.30	0.003	0.014	4	3.8
821117	1015	52686	0.005	0.002	0.800	0.550	8.21	0.004	0.010	4<	0.7
821214	1020	52703	0.005	0.002	1.140	0.510	8.24	0.001	0.013	4<	4.6

(C O N T D)

B.O.W./ SITE: SOUTH SAUGEEN RIVER
 SAMPLE POINT: AT WELLINGTON COUNTY ROAD 9
 STATION TYPE: RIVER

STATION ID: 08-0123-016-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: SAUGEEN RIVER

STORET CODE: 02
 002
 1260

LAT: 43 57 15.25 LONG: 080 46 02.12 U T M: 17 0518675.0 4866600.0 4 REGION: 02 DISTANCE: 132.284

*INTERIM TEST-NAME:		NNHTFR	NNO2FR	NNO3FR	NNTKUR	PH	PP04FR	PPUT	PSAMF	RSF	RSP	
		NH3-N	NO2-N	NO3-N	K'DAHL N		P04	PHOSPHOR	PSEUDOMN			
		TOTAL	FIL.REAC	FIL.REAC	FIL.TOT.		FIL.REAC	UNF.TOT.	AERUG.	RESIDUE	RESIDUE	
SAMPLE		MG/L	MG/L	MG/L	MG/L		MG/L	MG/L	MF	FILTERED	PARTIC.	
DATE	HOUR	AS N	AS N	AS N	AS N	PH	AS P	AS P	CNT	MG/L	MG/L	
YYMMDD	LMT								/100ML			
		MAXIMUM	0.090	0.031	1.610	0.760	8.41	0.017	0.064	4	316.3	10.90
		ARITH MEAN	0.028	0.011	0.927	0.572	8.18	0.006	0.025	4	282.2	4.3
		GEOM MEAN	0.016	0.008	0.856	0.565	8.18	0.004	0.021		280.0	3.4
		MINIMUM	0.005	0.002	0.460	0.470	7.82	0.001	0.010	4	230.100	0.7
		STD DEV (GEOM *)	0.029	0.009	0.387	0.097	0.18	0.006	0.016		36.4	2.9
# SAMP IN STATISTICS		11	11	11	11	11	10	11	5	11	11	
% SAMP (EXCLUDED)									54			

*INTERIM TEST-NAME:		RST	TCMF	TCMFBK	TURB	
			COLIFORM	COLIFORM		
			TOTAL	TOTAL MF		
		RESIDUE	MF	BCKGRD		
SAMPLE		TOTAL	CNT	CNT	TURB'ITY	
DATE	HOUR	MG/L	/100ML	/100ML	FTU	
YYMMDD	LMT					
820119	1240	52516	317.00	2100	7800	0.55
820216	1120	52533	319.8	370	280	1.00
820316	1040	52550	287.8	370	890	2.50
820420	1038	52567		1600	600	
820518	1055	52584	250.8	20AID	320	1.10
820622	1020	52601	237.70	3000C	35000	2.80
820720	1020	52618	247.9	130C	5700	1.40
820817	1045	52635	233.4	250	800	1.30
820928	1035	52652	310.8			1.41
821019	1000	52669	319.4	100	2510	1.68
821117	1015	52686	307.2	370	2300	0.95
821214	1020	52703	317.0	100	1000	1.65
		MAXIMUM	319.8	3000	35000	2.80
		ARITH MEAN	286.3	765	5200	1.49
		GEOM MEAN	284.1	318	1701	1.36
		MINIMUM	233.4	20	280	0.55
		STD DEV (GEOM *)	36.1	4*	4*	0.66
# SAMP IN STATISTICS		11	11	11	11	
% SAMP (EXCLUDED)						

B.O.W./ SITE: REDHILL CREEK
 SAMPLE POINT: AT BARTON STREET EAST HAMILTON
 STATION TYPE: RIVER FLOW GAUGE MOE 02HB107

STATION ID: 09-0001-003-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: REDHILL CREEK

STORET CODE: 02
 004
 4620

LAT: 43 14 29.44 LONG: 079 46 23.75 U T M: 17 0599600.0 4788150.0 4 REGION: 02 DISTANCE: 3.701

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	ALUT	ASUT	BOD5	CCNAUR	CDUT	CLIDUR	COD
							BOD 5 DAY	CYANIDE AVAIL	CADMIUM	CHLORIDE	CHEM. OX
SAMPLE DATE	HR	SAMPLE DEPTH	PROJECT SUB-PROJ	ALK TOTAL	ALUMINUM UNF.TOT.	ARSENIC UNF.TOT.	TOT.DEM.	UNF.REAC	UNF.TOT.	UNF.REAC	DEMAND
YYMMDD	LMT	NUMBER	CODE	MG/L AS CAC03	MG/L AS AL	MG/L AS AS	MG/L AS O	MG/L AS HCN	MG/L AS CD	MG/L AS CL	MG/L AS O
820114	0915	48320	0101	233	0.250		1.0			397.00	53
820208	1005	48365	0101	214	0.200					313.00	32
820304	0840	48415	0101	228	0.090		1.6			354.00	22
820419	0700	48500	0101	204.5	0.390	0.001<	0.20	0.005<T	0.0002	150.00	30
820527	0910	48592	0101	191.3	0.346	0.001<	1.15	0.005<T	0.0007	191.00	28
820624	0850	48628	0101	231.0	0.200		0.86			116.00	14
820708	0850	48673	0101	165.8	0.081		0.85			152.00	20
820809	0945	48718	0101	135.5	0.120		1.50			110.00	16
820907	0850	48807	0101	165.5	0.250	0.001<	0.60		0.0002<	151.00	12
821019	0910	48861	0101	174.0	0.053	0.001			0.0004	133.00	26.6
821125	0840	48935	0101	191.4	1.600	0.001<	1.75	0.001<W	0.0003	92.50	21.6
821207	0830	48945	0101	201.9	1.600		1.20			75.50	
MAXIMUM		0.30		233	1.600	0.001	1.75	0.005	0.0007	397.00	53
ARITH MEAN		0.30		195	0.432	0.001	1.1	0.004<A	0.0004	186.25	25
GEOM MEAN				192	0.242		0.9	0.003<A		162.65	23
MINIMUM		0.30		135.5	0.053	0.001	0.20	0.001	0.0002	75.50	12
STD DEV (GEOM *)				30	0.555		0.5	0.002<A		107.46	11
# SAMP IN STATISTICS		12		12	12	1	10	3	4	12	11
% SAMP (EXCLUDED)						80			20		

*=INTERIM TEST-NAME:		COND25	CRUT	CUUT	DO	FCMF	FEUT	FSMF	FVPH	FWSTRC	FWTEMP
						FECAL COLIFORM	IRON	FECAL STREPCUS			
SAMPLE DATE	HR	CONDUCT. 25C	CHROMIUM UNF.TOT.	COPPER UNF.TOT.	DISSOLVED OXYGEN	MF CNT	UNF.TOT. MG/L	MF CNT	PH	STREAM COND.	WATER TEMP
YYMMDD	LMT	UMHO/CM AT 25 C	MG/L AS CR	MG/L AS CU	MG/L AS O	/100ML	AS FE	/100ML	FIELD		DEG.C
820114	0915	48320	2120	0.005	0.009	12.70	1020	0.22	300	7.45	2.0
820208	1005	48365	1880	0.006	0.010	13.90	2540	0.09	1390	7.35	2.0
820304	0840	48415	2100	0.001	0.004	14.30	2550	0.11	560	8.00	3.0
820419	0700	48500	1230	0.006	0.008	11.50	600	0.250	80<=>	7.85	5.5
820527	0910	48592	1410.0	0.008	0.020	9.20	1600	0.175	500	8.10	13.5
820624	0850	48628	1130.0	0.003	0.009	15.80	3000>	0.325	480	8.10	13.0
820708	0850	48673	1250.0	0.003	0.044	9.60	1280	0.100	830	7.45	21.0
820809	0945	48718	925.0	0.004	0.014	7.00	26000	0.090	800	7.80	20.0
820907	0850	48807	1260.0	0.004	0.018	8.60	1240	0.095	210	7.70	14.0
821019	0910	48861	1320.0	0.003	0.010	9.40	1660<=>	0.060	380	7.80	11.5
821125	0840	48935	926.0	0.006	0.016	12.50	2340	1.700	2180	8.30	2.5
821207	0830	48945	933.0	0.004	0.013	11.10	1260	1.860	1220	8.05	6.0

(C O N T D)

B.O.W./ SITE: REDHILL CREEK
 SAMPLE POINT: AT BARTON STREET EAST HAMILTON
 STATION TYPE: RIVER FLOW GAUGE MOE 02HB107

STATION ID: 09-0001-003-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: REDHILL CREEK

STORET CODE: 02
 004
 4620

LAT: 43 14 29.44 LONG: 079 46 23.75 U T M: 17 0599600.0 4788150.0 4 REGION: 02 DISTANCE: 3.701

*=INTERIM TEST-NAME:		COND25	CRUT	CUUT	DO	FCMF	FEUT	FSMF	FWPH	FWSTRC	FWTEMP
		CONDUCT.	CHROMIUM	COPPER	DISOLVED	FECAL	IRON	FECAL			
		25C	UNF.TOT.	UNF.TOT.	OXYGEN	COLIFORM	UNF.TOT.	STREPCUS			
SAMPLE		UMHO/CM	MG/L	MG/L	MG/L	MF	MG/L	MF			WATER
DATE	HR					CNT		CNT	PH	STREAM	TEMP
YYMMDD	LMT	SAMPLE	AS CR	AS CU	AS O	/100ML	AS FE	/100ML	FIELD	COND.	DEG.C
		NUMBER									

MAXIMUM 2120 0.008 0.044 15.80 26000 1.860 2180 8.30 21.0

ARITH MEAN 1374 0.004 0.015 11.30 3826 0.42 744 7.83 9.5

GEOM MEAN 1317 0.004 0.012 11.01 0.20 541 7.82 6.9

MINIMUM 925.0 0.001 0.004 7.00 600 0.060 80 7.35 2.0

STD DEV (GEOM *) 432 0.002 0.010 2.63 0.64 2* 0.30 6.9

SAMP IN STATISTICS 12 12 12 12 11 12 12 12 12

% SAMP (EXCLUDED) 8

*=INTERIM TEST-NAME:		HGUT	NIUT	NNHTFR	NNO2FR	NNO3FR	NNTKUR	PBUT	PH	PHNOL	PP04FR
		MERCURY	NICKEL	NH3-N	NO2-N	NO3-N	K'DAHL N	LEAD		PHENOLS	P04
		UNF.TOT.	UNF.TOT.	TOTAL	FIL.REAC	FIL.REAC	FIL.TOT.	UNF.TOT.		UNF-REAC	FIL.REAC
SAMPLE		UG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L		UG/L	MG/L
DATE	HR								PH	PHENOL	AS P
YYMMDD	LMT	SAMPLE	AS HG	AS NI	AS N	AS N	AS N	AS PB			
		NUMBER									

820114 0915 48320 0.004 0.096 0.034 2.370 0.38 0.006 8.07 1 <T 0.023

820208 1005 48365 0.003 0.082 0.056 2.440 0.40 0.004 8.32 1 <T 0.053

820304 0840 48415 0.001< 0.228 0.0340 2.270 2.35 0.003< 7.96 1 <T 0.0490

820419 0700 48500 0.002 0.006 0.0400 1.310 0.40 0.003< 8.38 1.0<T 0.0080

820527 0910 48592 0.004 0.030 0.0500 2.650 0.74 0.011 8.01 1.0 0.0350

820624 0850 48628 0.002 0.004<T 0.0020 2.345 0.31 0.008 8.14 0.2<T 0.0420

820708 0850 48673 0.003 0.038 0.0820 0.970 0.38 0.010 8.16 0.2<T 0.0230

820809 0945 48718 0.002 0.002 0.0690 1.230 0.48 0.013 8.00 0.6<T 0.1275

820907 0850 48807 0.03< 0.005 0.032 0.59 0.003< 8.06 0.6<T 0.0700

821019 0910 48861 0.002 0.006 0.0700 0.031 0.40 0.007 7.87 0.2<T 0.0310

821125 0840 48935 0.003 0.006 0.0030 2.250 0.450 0.005 8.54 0.4<T 0.0505

821207 0830 48945 0.003 0.008 0.0065 1.990 0.475 0.009 8.07 -0.2<T 0.0470

MAXIMUM 0.005 0.228 0.0820 2.650 2.35 0.013 8.54 1 0.1275

ARITH MEAN 0.003 0.045<A 0.041 1.805 0.61 0.008 8.13 1 <A 0.047

GEOM MEAN 0.018<A 0.025 1.299 0.51 8.13 0.039

MINIMUM 0.002 0.002 0.0020 0.031 0.31 0.004 7.87 -0.2 0.0080

STD DEV (GEOM *) 0.066<A 0.028 0.812 0.56 0.19 0.030

SAMP IN STATISTICS 11 12 11 11 12 9 12 12 12

% SAMP (EXCLUDED) 8 25

(C O N T D)

B.O.W./ SITE: REDHILL CREEK
 SAMPLE POINT: AT BARTON STREET EAST HAMILTON
 STATION TYPE: RIVER FLOW GAUGE MOE 02HB107

STATION ID: 09-0001-003-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: REDHILL CREEK

STORET CODE: 02
 004
 4620

LAT: 43 14 29.44 LONG: 079 46 23.75 U T M: 17 0599600.0 4788150.0 4 REGION: 02 DISTANCE: 3.701

*INTERIM TEST-NAME:		PPUT	PSAMF PSEUDOMN AERUG. MF	PSAMFB PSEUDOMN AERUG. MF BKGD	P1ALDR	P1BHCA	P1BHCB	P1BHCG	P1CHLA	P1CHLG	P1DIEL	
SAMPLE DATE YYMMDD	TIME HOUR LMT	SAMPLE NUMBER	PHOSPHOR UNF.TOT. MG/L AS P	CNT /100ML	CNT /100ML	ALDRIN NG/L	BHC ALPHA NG/L	BHC BETA NG/L	BHC GAMMA NG/L	CHLRDANE ALPHA NG/L	CHLRDANE GAMMA NG/L	DIELDRLN NG/L
820114	0915	48320	0.030	20	4<							
820208	1005	48365	0.062	10<	10<							
820304	0840	48415	0.065	50<=>	140							
820419	0700	48500	0.015	10<	50<=>	1<W	1<W	1<W	1<W	2<W	2<W	2<W
820527	0910	48592	0.068	100	60<=>							
820624	0850	48628	0.081	350	70<=>							
820708	0850	48673	0.040	30<=>	160							
820809	0945	48718	0.156	1500>	1500>							
820907	0850	48807	0.093	10<=>	20<=>	1<W	1<W	1<W	1<W	2<W	2<W	2<W
821019	0910	48861	0.049	50<=>	10<							
821125	0840	48935	0.093	110	130							
821207	0830	48945	0.107	50<=>	10<							
MAXIMUM			0.156	350	160	1	1	1	1	2	2	2
ARITH MEAN			0.072	86	90	1<A	1<A	1<A	1<A	2<A	2<A	2<A
GEOM MEAN			0.061			1<A	1<A	1<A	1<A	2<A	2<A	2<A
MINIMUM			0.015	10	20	1	1	1	1	2	2	2
STD DEV (GEOM *)			0.038			0<A	0<A	0<A	0<A	0<A	0<A	0<A
# SAMP IN STATISTICS		12		9	7	2	2	2	2	2	2	2
% SAMP (EXCLUDED)				25	41							

*INTERIM TEST-NAME:		P1DMDT	P1ENDR	P1ENDS	P1END1	P1END2	P1HEPE	P1HEPT	P1MIRX	P1OCHL	P1OPDT	
SAMPLE DATE YYMMDD	TIME HOUR LMT	SAMPLE NUMBER	DMDT MTHXYLLR NG/L	ENDRIN NG/L	ENDOSULP SULPHATE NG/L	ENDOSULP I NG/L	ENDOSULP II NG/L	HEPE NG/L	HEPACHOR NG/L	MIREX NG/L	OXCHLANE NG/L	OP-DDT NG/L
820419	0700	48500	5<W	4<W	4<W	2<W	4<W	1<W	1<W	5<W	2<W	5<W
820907	0850	48807	5<W	4<W	4<W	2<W	4<W	1<W	1<W	5<W	2<W	5<W
MAXIMUM			5	4	4	2	4	1	1	5	2	5
ARITH MEAN			5<A	4<A	4<A	2<A	4<A	1<A	1<A	5<A	2<A	5<A
GEOM MEAN			5<A	4<A	4<A	2<A	4<A	1<A	1<A	5<A	2<A	5<A
MINIMUM			5	4	4	2	4	1	1	5	2	5
STD DEV (GEOM *)			0<A	0<A	0<A	0<A	0<A	0<A	0<A	0<A	0<A	0<A
# SAMP IN STATISTICS			2	2	2	2	2	2	2	2	2	2
% SAMP (EXCLUDED)												

(C O N T D)

B.O.W./ SITE: REDHILL CREEK
 SAMPLE POINT: AT BARTON STREET EAST HAMILTON
 STATION TYPE: RIVER FLOW GAUGE MOE 02HB107

STATION ID: 09-0001-003-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: REDHILL CREEK

STORET CODE: 02
 004
 4620

LAT: 43 14 29.44 LONG: 079 46 23.75 U T M: 17 0599600.0 4788150.0 4 REGION: 02 DISTANCE: 3.701

*=INTERIM TEST-NAME:		P1PCBT	P1PPDD	P1PPDE	P1PPDT	RSF	RSP	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	TURB TURB'ITY FTU	X2HCB HCB NG/L
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	PCB TOTAL NG/L	PP-DDD NG/L	PP-DDE NG/L	PP-DDT NG/L	RESIDUE FILTERED MG/L	RESIDUE PARTIC. MG/L			
820114	0915	48320					1315	4.3	5100	8800	4.80
820208	1005	48365					1242	1.9	8300	3600	2.40
820304	0840	48415					1407.0	2.300	11000	15000	1.91
820419	0700	48500	20<W	5<W	1<W	5<W	843.0	5.270	4300	7300	7.20 1<W
820527	0910	48592					999.0	3.640	24000	151000	4.80
820624	0850	48628					807.0	9.320	37000	205000	7.90
820708	0850	48673					749.0	2.580	22000	62000	1.66
820809	0945	48718					629.0	3.340	350000	800000	1.87
820907	0850	48807	20<W	5<W	1<W	5<W	950.0	1.940	21000	52000	1.83 1<W
821019	0910	48861					896.0	2.120	20000	77000	1.39
821125	0840	48935					631.0	30.300	33000	93000	31.00
821207	0830	48945					697.0	37.700	43000	29000	34.00
MAXIMUM		20	5	1	5	1407.0	37.700	350000	800000	34.00	1
ARITH MEAN		20<A	5<A	1<A	5<A	930	8.7	48225	125308	8.40	1<A
GEOM MEAN		20<A	5<A	1<A	5<A	898	4.8	21182	44325	4.38	1<A
MINIMUM		20	5	1	5	629.0	1.9	4300	3600	1.39	1
STD DEV (GEOM *)		0<A	0<A	0<A	0<A	264	12.1	3*	5*	11.49	0<A
# SAMP IN STATISTICS		2	2	2	2	12	12	12	12	12	2
% SAMP (EXCLUDED)											

*=INTERIM TEST-NAME:		ZNUT ZINC UNF.TOT. MG/L AS ZN
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER
820114	0915	48320
820208	1005	48365
820304	0840	48415
820419	0700	48500
820527	0910	48592
820624	0850	48628
820708	0850	48673
820809	0945	48718
820907	0850	48807
821019	0910	48861
821125	0840	48935
821207	0830	48945

(C O N T D)

B.O.W./ SITE: REDHILL CREEK
SAMPLE POINT: AT BARTON STREET EAST HAMILTON
STATION TYPE: RIVER FLOW GAUGE MOE 02HB107

STATION ID: 09-0001-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: REDHILL CREEK

STORET CODE: 02
004
4620

LAT: 43 14 29.44 LONG: 079 46 23.75 U T M: 17 0599600.0 4788150.0 4 REGION: 02 DISTANCE: 3.701

*=INTERIM TEST-NAME: ZNUT
ZINC
SAMPLE UNF.TOT.
DATE HOUR SAMPLE MG/L
YYMMDD LMT NUMBER AS ZN

MAXIMUM 0.170
ARITH MEAN 0.043
GEOM MEAN 0.032
MINIMUM 0.009
STD DEV (GEOM *) 0.043
SAMP IN STATISTICS 12
% SAMP (EXCLUDED)

B.O.W./ SITE: REDHILL CREEK
 SAMPLE POINT: MOUNTAINBROW BLVD.HAMILTON ALBION FALLS
 STATION TYPE: RIVER FLOW GAUGE FED.02HA014

STATION ID: 09-0001-004-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: REDHILL CREEK

STORET CODE: 02
 004
 4620

LAT: 43 12 00.48 LONG: 079 49 12.90 U T M: 17 0595850.0 4783500.0 4 REGION: 02 DISTANCE: 10.300

*INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	ALUT	BOD5	CAUR	CDUT	CLIDUR	COLAP	COND25
				ALK	ALUMINUM	BOD	CALCIUM	CADMIUM	CHLORIDE	COLOUR	CONDUCT.
SAMPLE		SAMPLE	PROJECT	TOTAL	UNF.TOT.	5 DAY	UNF.REAC	UNF.TOT.	UNF.REAC	APPARENT	25C
DATE	HR	DEPTH	SUB-PROJ	MG/L	MG/L	TOT.DEM.	MG/L	MG/L	MG/L	UMHO/CM	
YYMMDD	LMT	M	CODE	AS CAC03	AS AL	AS O	AS CA	AS CD	AS CL	HZU	AT 25 C
820114	0940	48321	0101	268	3.000	2.2	162.0	0.0001<	211.00	5.1	1620
820208	1030	48366	0101	250	0.320		153.0	0.0005	214.00	3.1	1700
820304	0900	48416	0101	260	0.036	10.0	168.0	0.0002<	355.00	10.2	2180.0
820419	0725	48501	0101	220.1	0.460	3.00	124.0	0.0002	170.00	18.1	1340
820527	0930	48593	0101	234.8	0.541	3.62	169.0	0.0009	211.00	41.0	1620.0
820624	0915	48629	0101	236.2	0.460	1.03	120.0	0.0003	123.00	25.8	1120.0
820708	1645	48674	0101	650.6	3.200	5.64	168.0	0.0020	165.00	39.1	1440.0
820809	1005	48719	0101	148.4	1.000	6.96	103.0	0.0020	138.00	19.3	1060.0
820907	0910	48808	0101	228.6	0.340	3.79	168.0	0.0002	182.00	24.3	1640.0
821019	0930	48862	0101	215.1	0.180		154.0	0.0004	172.00	10.2	1580.0
821125	0905	48936	0101	202.1	1.900	1.52	108.0	0.0003	96.00	28.9	947.0
821207	0850	48946	0101	205.6	1.400	1.32	107.0	0.0002	76.00	37.9	933.0
MAXIMUM		0.30		650.6	3.200	10.0	169.0	0.0020	355.00	41.0	2180.0
ARITH MEAN		0.30		260	1.070	3.9	142.0	0.0007	176.08	21.9	1432
GEOM MEAN				243	0.597	3.1	139.5		163.61	17.1	1388
MINIMUM		0.30		148.4	0.036	1.03	103.0	0.0002	76.00	3.1	933.0
STD DEV (GEOM *)				127	1.089	2.9	27.2		71.86	13.2	369
# SAMP IN STATISTICS		12		12	12	10	12	10	12	12	12
% SAMP (EXCLUDED)								16			

*INTERIM TEST-NAME:		CRUT	CUUT	DO	FCMF	FEUT	FSMF	FWFLOW	FWPH	FWSTRC	FWTEMP
		CHROMIUM	COPPER	DISOLVED	FECAL	IRON	FECAL	STREAM			
SAMPLE		UNF.TOT.	UNF.TOT.	OXYGEN	COLIFORM	UNF.TOT.	STREPCUS	FLOW		STREAM	WATER
DATE	HR	MG/L	MG/L	MG/L	MF	MG/L	MF	M3	PH	COND.	TEMP
YYMMDD	LMT	AS CR	AS CU	AS O	CNT	AS FE	CNT	/S	FIELD		DEG.C
820114	0940	0.010	0.016	12.00	2500	5.40	650	0.174	7.60	4 9	2.0
820208	1030	0.006	0.013	13.80	2100	0.36	40<=>		7.40	4	2.5
820304	0900	0.001<	0.002	12.80	850	0.70	180	0.055	8.00	8	2.5
820419	0725	0.011	0.010	12.20	500	0.490	30<=>		7.70	8	5.5
820527	0930	0.010	0.016	6.20	880	0.640	60<=>	0.238	7.90	8	13.5
820624	0915	0.003	0.010	13.40	980	0.625	300	0.439	8.00	8	12.5
820708	1645	0.012	0.040	11.40	230		440	0.224	7.40	5 9	26.0
820809	1005	0.008	0.021	5.20	4100	1.940	720	0.128	7.70	6 9	19.5
820907	0910	0.002	0.006	3.60	2840	0.800	430	0.085	7.10	8 9 0	13.5
821019	0930	0.004	0.013	9.90	2540	0.590	220		7.75	5 9	11.5
821125	0905	0.005	0.017	10.20	1200	1.620	2900		8.25	3	4.5
821207	0850	0.004	0.013	10.80	780	1.770	1540	0.524	8.00	3	6.0

(C O N T D)

B.O.W./ SITE: REDHILL CREEK
 SAMPLE POINT: MOUNTAINBROW BLVD.HAMILTON ALBION FALLS
 STATION TYPE: RIVER FLOW GAUGE FED.02HA014

STATION ID: 09-0001-004-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: REDHILL CREEK

STORET CODE: 02
 004
 4620

LAT: 43 12 00.48 LONG: 079 49 12.90 U T M: 17 0595850.0 4783500.0 4 REGION: 02 DISTANCE: 10.300

*INTERIM TEST-NAME:		CRUT	CUUT	DO	FCMF FECAL COLIFORM MF CNT /100ML	FEUT IRON UNF.TOT. MG/L AS FE	FSMF FECAL STREPCUS MF CNT /100ML	FWFLOW STREAM FLOW M3 /S	FWPH PH FIELD	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O							
			MAXIMUM	0.012	0.040	13.80	4100	5.40	2900	0.524	8.25	26.0
			ARITH MEAN	0.007	0.015	10.12	1625	1.36	626	0.233	7.73	10.0
			GEOM MEAN		0.012	9.44	1232	0.97	289	0.183	7.73	7.3
			MINIMUM	0.002	0.002	3.60	230	0.36	30	0.055	7.10	2.0
			STD DEV (GEOM *)		0.009	3.35	2*	1.45	4*	0.167	0.32	7.5
			# SAMP IN STATISTICS	11	12	12	12	11	12	8	12	12
			% SAMP (EXCLUDED)	8								

*INTERIM TEST-NAME:		HARDT	HGUT	KKUR	MGUR	MNUT	NAUR	NIUT	NNHTFR NH3-N TOTAL	NNOTFR NO2+NO3N FIL.REAC	NN02FR NO2-N FIL.REAC
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	HARDNESS TOTAL MG/L AS CAC03	MERCURY UNF.TOT. UG/L AS HG	POTASSIM UNF.REAC MG/L AS K	MAGNESIM FIL.REAC MG/L AS MG	MANGANSE UNF.TOT. MG/L AS MN	SODIUM UNF.REAC MG/L AS NA	NICKEL UNF.TOT. MG/L AS NI		
820114	0940	48321	547	0.09U		34.50	0.300		0.008	1.160	0.800
820208	1030	48366	545	0.03	7.40	39.50	0.184	126.0	0.005	0.004	0.660
820304	0900	48416	586	0.02<	7.30	40.50	0.216	198.00	0.001<	0.440	0.049
820419	0725	48501	434.0	0.05<	5.80	30.30	0.1120	99.0	0.003	0.004<T	0.0060
820527	0930	48593	588.0	0.08<	9.36	40.40	0.269	115.00	0.005	0.010	0.0080
820624	0915	48629	419.0		5.20	29.10	0.098	70.00	0.003	0.006	0.0025
820708	1645	48674	574.0	0.05	7.96	37.60	0.192	93.80	0.020	0.640	0.005<T
820809	1005	48719	348.0	0.03<	6.66	22.00	0.137	78.10	0.012	0.006	0.0110
820907	0910	48808	597.0			43.20	0.2300		0.001<	0.024	0.0090
821019	0930	48862	541.0	0.02<	7.36	38.00	0.1630	102.00	0.004	0.002<W	0.0020<W
821125	0905	48936	376.0	0.04<	4.98	25.90	0.0780	50.10	0.004	0.008	0.0030
821207	0850	48946	368.0	0.03<	4.98	24.60	0.0760	47.00	0.003	0.008	0.0055
			MAXIMUM	597.0	0.09	9.36	0.300	198.00	0.020	1.160	0.800
			ARITH MEAN	494	0.06	6.70	0.171	97.9	0.007	0.193<A	0.130 <A
			GEOM MEAN	484		6.56	0.156	90.0		0.021<A	0.014 <A
			MINIMUM	348.0	0.03	4.98	0.0760	47.00	0.003	0.002	0.0020
			STD DEV (GEOM *)	96		1.45	0.074	43.7		0.370<A	0.282 <A
			# SAMP IN STATISTICS	12	3	10	12	10	10	12	12
			% SAMP (EXCLUDED)		70			16			

(C O N T D)

B.O.W./ SITE: REDHILL CREEK
 SAMPLE POINT: MOUNTAINBROW BLVD.HAMILTON ALBION FALLS
 STATION TYPE: RIVER FLOW GAUGE FED.02HA014

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: REDHILL CREEK

STATION ID: 09-0001-004-02

STORET CODE: 02
 004
 4620

LAT: 43 12 00.48 LONG: 079 49 12.90 U T M: 17 0595850.0 4783500.0 4 REGION: 02 DISTANCE: 10.300

*=INTERIM TEST-NAME:		NNO3FR	NNTKUR	PBUT	PH	PHNOL	PP04FR	PPUT	PSAMF	PSAMFB	P1ALDR
		N03-N	K'DAHL N	LEAD		PHENOLS	P04	PHOSPHOR	PSEUDOMN	PSEUDOMN	
		FIL.REAC	TOTAL	UNF.TOT.		UNF-REAC	FIL.REAC	UNF.TOT.	AERUG.	AERUG.	
SAMPLE		MG/L	MG/L	MG/L		UG/L	MG/L	MG/L	MF	MF BKGD	ALDRIN
DATE	HR	AS N	AS N	AS PB	PH	PHENOL	AS P	AS P	CNT	CNT	NG/L
YYMMDD	LMT	SAMPLE							/100ML	/100ML	
NUMBER											
820114	0940	48321	1.650	1.90	0.003<	7.84	1 <T	0.045	0.210	84	8
820208	1030	48366	2.740	0.46	0.003<	8.18	1 <T	0.020	0.042	110	10<
820304	0900	48416	0.900	3.00	0.001<W	7.90	1 <T	0.015	0.053	10<	10<=>
820419	0725	48501	2.495	1.20	0.006	8.23	1.0	0.0100	0.032	20<=>	10<=>
820527	0930	48593	3.840	3.50	0.015	7.44	1.2	0.0060	0.055	70<=>	50<=>
820624	0915	48629	3.095	1.01	0.007	8.08	0.6<T		0.015	190	10<=>
820708	1645	48674	0.005<T		0.033	7.36	2.2	0.0070		10<	30<=>
820809	1005	48719	1.740	0.98	0.003<	7.55	1.0	0.0280	0.117		
820907	0910	48808	1.990	1.44	0.004	8.01	1.2	0.0060	0.053	70<=>	10<=>
821019	0930	48862	2.240	0.48	0.007	8.05	0.2<W	0.0050	0.036	290	20<=>
821125	0905	48936	2.800	0.475	0.009	8.54	0.2<W	0.0450	0.093	40<=>	110
821207	0850	48946	2.540	0.550	0.008	8.06	-0.2<T	0.0420	0.093	10<	10<
MAXIMUM		3.840	3.50	0.033	8.54	2.2	0.0450	0.210	290	110	1
ARITH MEAN		2.170<A	1.36	0.010<A	7.94	1 <A	0.021	0.073	109	29	1<A
GEOM MEAN		1.339<A	1.06		7.93		0.015	0.058			1<A
MINIMUM		0.005	0.46	0.001	7.36	-0.2	0.0050	0.015	20	8	1
STD DEV (GEOM *)		1.018<A	1.04		0.34		0.016	0.055			0<A
# SAMP IN STATISTICS		12	11	9	12	12	11	11	8	9	5
% SAMP (EXCLUDED)				25					27	18	

*=INTERIM TEST-NAME:		P1BHCA	P1BHCB	P1BHCG	P1CHLA	P1CHLG	P1DIEL	P1DMDT	P1ENDR	P1ENDS	P1ENDI
		BHC	BHC	BHC	CHLRDANE	CHLRDANE		DMDT		ENDOSULP	ENDOSULP
		ALPHA	BETA	GAMMA	ALPHA	GAMMA	DIELDRIN	MTHXYLLR	ENDRIN	SULPHATE	I
SAMPLE		NG/L	NG/L	NG/L	NG/L	NG/L	NG/L	NG/L	NG/L	NG/L	NG/L
DATE	HR										
YYMMDD	LMT	SAMPLE									
NUMBER											
820208	1030	48366	1	1<W	1<W	2<W	2<W	2<W	5<W	4<W	2<W
820419	0725	48501	1<W	1<W	1<W	2<W	2<W	2<W	5<W	4<W	2<W
820907	0910	48808	4	1<W	1<W	2<W	2<W	2<W	5<W	4<W	2<W
821019	0930	48862	1<W	1<W	1<W	2<W	2<W	2<W	5<W	4<W	2<W
821125	0905	48936	2	1<W	5<W	2<W	2<W	2<W	5<W	4<W	2<W
MAXIMUM		4	1	5	2	2	2	5	4	4	2
ARITH MEAN		2<A	1<A	2<A	2<A	2<A	2<A	5<A	4<A	4<A	2<A
GEOM MEAN		2<A	1<A	1<A	2<A	2<A	2<A	5<A	4<A	4<A	2<A
MINIMUM		1	1	1	2	2	2	5	4	4	2
STD DEV (GEOM *)		1<A	0<A	2<A	0<A	0<A	0<A	0<A	0<A	0<A	0<A
# SAMP IN STATISTICS		5	5	5	5	5	5	5	5	3	5
% SAMP (EXCLUDED)											

(C O N T D)

B.O.W./ SITE: SPENCER CREEK
 SAMPLE POINT: AT COOTES ROAD, DUNDAS
 STATION TYPE: RIVER FLOW GAUGE FED 02HB010

STATION ID: 09-0008-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: SPENCER CREEK

STORET CODE: 02
 004
 4590

LAT: 43 15 47.16 LONG: 079 57 07.56 U T M: 17 0585050.0 4790350.0 4 REGION: 02 DISTANCE: 3.701

*INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	BOD5	CLIDUR	COD	COND25	CUUT	DO	DOC
					BOD						CARBON
				ALK	5 DAY	CHLORIDE	CHEM. OX	CONDUCT.	COPPER	DISOLVED	DISOLVED
SAMPLE		SAMPLE	PROJECT	TOTAL	TOT.DEM.	UNF.REAC	DEMAND	25C	UNF.TOT.	OXYGEN	ORGANIC
DATE	HOUR	SAMPLE	SUB-PROJ	MG/L	MG/L	MG/L	MG/L	UMHO/CM	MG/L	MG/L	MG/L
YYMMDD	LMT	NUMBER	CODE	AS CAC03	AS O	AS CL	AS O	AT 25 C	AS CU	AS O	AS C
820113	0910	48330	0101	295	0.8	43.00	21	790	0.007	13.50	7.0
820210	0900	48375	0101	322		78.00	12	980	0.010	15.80	5.5
820309	0900	48425	0101	282	0.20	70.00	26	815	0.007	14.80	5.4
820414	0910	48482	0101	191	0.4	28.00	26	520	0.010	13.10	0.4
820505	0910	48548	0101	224.4	0.59	41.00	14	632.0	0.006	12.00	6.5
820608	0850	48603	0101	237.3	1.06	39.60	32	631.0	0.008	8.60	8.1
820707	0840	48665	0101	220.4	0.93	50.60	26	722.0	0.014	10.40	7.3
820804	0745	48701	0101	128.4	7.00	41.40	18	469.0	0.014	5.90	3.4
820913	0855	48786	0101	209.2	0.64	49.50	14	622.0	0.011	8.60	6.5
821012	0650	48853	0101	252.4		34.50	34.8	606.0	0.007	9.60	10.9
821122	0910	48935	0101	229.2	1.32	34.40		610.0	0.010	11.10	7.8
821230	0840	48990	0101	185.4		24.00	20.0	494.0	0.004	14.50	6.3
MAXIMUM		0.30		322	7.00	78.00	34.8	980	0.014	15.80	10.9
ARITH MEAN		0.30		231	1.4	44.50	22	658	0.009	11.49	6.3
GEOM MEAN				226	0.8	42.16	21	643	0.008	11.10	5.2
MINIMUM		0.30		128.4	0.20	24.00	12	469.0	0.004	5.90	0.4
STD DEV (GEOM *)				52	2.1	15.89	7	147	0.003	2.99	2.6
# SAMP IN STATISTICS		12		12	9	12	11	12	12	12	12
% SAMP (EXCLUDED)											

*INTERIM TEST-NAME:		FCMF	FEUT	FSMF	FWFLOW	FWPH	FWSTRC	FWTEMP	NNHTFR	NNOTFR	NN02FR	
		FECAL	IRON	FECAL					NH3-N			
		COLIFORM	UNF.TOT.	STREPCUS	STREAM			WATER	TOTAL	NO2+NO3N	NO2-N	
SAMPLE		MF	MG/L	MF	FLOW	PH	STREAM	TEMP	FIL.REAC	FIL.REAC	FIL.REAC	
DATE	HOUR	CNT	AS FE	CNT	M3	FIELD	COND.	DEG.C	MG/L	MG/L	MG/L	
YYMMDD	LMT	/100ML		/100ML	/S				AS N	AS N	AS N	
820113	0910	48330	3300	0.19	870	0.587	7.95	4	2.0	0.228	1.900	0.031
820210	0900	48375	110	0.15	80<=>	0.675		4	2.0	0.470	2.000	0.025
820309	0900	48425	20<=>	0.290	10<	0.825		4	3.0	0.004	1.500	0.0700
820414	0910	48482	60<=>	0.890	30<=>	4.230		3	4.5	0.006	1.150	0.0695
820505	0910	48548	170	0.230	160	1.130	7.55	8	10.5	0.004<T	0.660	0.0590
820608	0850	48603	2900	1.385	552	3.040	7.60	3	14.5	0.052	1.200	0.0160
820707	0840	48665	3200	0.590	300	0.810	7.70	8	21.0	0.004<T	0.765	0.0010<T
820804	0745	48701	22000	3.965	75000	0.665	8.00	8	19.0	0.046	0.785	0.0890
820913	0855	48786	390	0.445	190	0.436	8.00	8	18.0	0.028	0.505	0.0120
821012	0650	48853	230	0.550	230	1.650	8.35	3	14.0	0.002<T	0.520	0.0100
821122	0910	48935	180	0.695	390	2.980	8.55	3	8.0	0.004<T	0.950	0.0060
821230	0840	48990	80<=>	0.545	130	5.090	8.15	3	2.5	0.014	1.400	0.0680

(C O N T D)

B.O.W./ SITE: SPENCER CREEK
 SAMPLE POINT: AT COOTES ROAD, DUNDAS
 STATION TYPE: RIVER FLOW GAUGE FED 02HB010

STATION ID: 09-0008-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: SPENCER CREEK

STORET CODE: 02
 004
 4590

LAT: 43 15 47.16 LONG: 079 57 07.56 U T M: 17 0585050.0 4790350.0 4 REGION: 02 DISTANCE: 3.701

*INTERIM TEST-NAME:		FCMF FECAL COLIFORM MF CNT /100ML	FEUT IRON UNF.TOT. MG/L AS FE	FSMF FECAL STREPCUS MF CNT /100ML	FWFLOW STREAM FLOW M3 /S	FWPH PH FIELD	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N
MAXIMUM		22000	3.965	75000	5.090	8.55		21.0	0.470	2.000	0.0890
ARITH MEAN		2720	0.83	7085	1.843	7.98		9.9	0.072<A	1.111	0.038 <A
GEOM MEAN		405	0.53		1.320	7.98		7.1	0.016<A	1.007	0.022 <A
MINIMUM		20	0.15	30	0.436	7.55		2.0	0.002	0.505	0.0010
STD DEV (GEOM *)		8*	1.05		1.593	0.34		7.2	0.140<A	0.507	0.031 <A
# SAMP IN STATISTICS		12	12	11	12	9		12	12	12	12
% SAMP (EXCLUDED)				8							

*INTERIM TEST-NAME:		NNO3FR NO3-N FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	PBUT LEAD UNF.TOT. MG/L AS PB	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	PP04FR P04 FIL.REAC MG/L AS P	PPUT PHOSPHOR UNF.TOT. MG/L AS P	RSF RESIDUE FILTERED MG/L	RSP RESIDUE PARTIC. MG/L	SS04UR SULPHATE UNF.REAC MG/L AS S04	
820113	0910	48330	1.870	0.72	0.003<	8.31	1 <T		0.138	507	3.8	73.0
820210	0900	48375	1.980	0.95	0.003<	8.42	1 <T	0.195	0.218	597	2.9	85.0
820309	0900	48425	1.430	0.52	0.005	8.34	1 <T	0.004	0.054	493	5.7	53.0
820414	0910	48482	1.080	0.68	0.003<	8.41	1 <T	0.0410	0.092	328.0	22.200	38.0
820505	0910	48548	0.600	0.50	0.003<	8.35	0.2<W	0.0060	0.032	405.0	3.510	48.0
820608	0850	48603	1.185	0.80	0.005	8.35	0.2<W	0.0390	0.090	447.0	37.400	50.6
820707	0840	48665	0.765	0.65	0.005	8.10	0.2<T	0.0440	0.098	540.0	14.600	92.5
820804	0745	48701	0.695	0.68	0.020	7.74	1.2	0.0510	0.267	328.0	91.300	57.0
820913	0855	48786	0.493	0.50	0.006	8.27	0.4<T	0.0080	0.028	418.0	8.310	58.8
821012	0650	48853	0.510	0.67	0.003<	8.40	0.2<T	0.0190	0.049	228.0	11.700	36.1
821122	0910	48935	0.944	0.675	0.005	8.25	0.2<W	0.0315	0.075	405.0	15.200	47.52
821230	0840	48990	1.330	0.500	0.003<	8.28	0.2<T	0.0400	0.058	307.0	57.400	40.16
MAXIMUM		1.980	0.95	0.020	8.42	1.2	0.195	0.267	597	91.300	92.5	
ARITH MEAN		1.073	0.65	0.008	8.27	1 <A	0.043	0.100	417	22.8	56.6	
GEOM MEAN		0.969	0.64		8.27	0 <A	0.026	0.080	403	12.9	54.2	
MINIMUM		0.493	0.50	0.005	7.74	0.2	0.004	0.028	228.0	2.9	36.1	
STD DEV (GEOM *)		0.504	0.14		0.19	0 <A	0.053	0.074	107	26.9	18.1	
# SAMP IN STATISTICS		12	12	6	12	12	11	12	12	12	12	
% SAMP (EXCLUDED)				50								

(C O N T D)

B.O.W./ SITE: SPENCER CREEK
SAMPLE POINT: AT COOTES ROAD, DUNDAS
STATION TYPE: RIVER FLOW GAUGE FED 02HB010

STATION ID: 09-0008-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: SPENCER CREEK

STORET CODE: 02
004
4590

LAT: 43 15 47.16 LONG: 079 57 07.56 U T M: 17 0585050.0 4790350.0 4 REGION: 02 DISTANCE: 3.701

*=INTERIM TEST-NAME:		TCMF	TCMFBK	TURB	ZNUT
		COLIFORM	COLIFORM		
		TOTAL	TOTAL MF		ZINC
		MF	BCKGRD		UNF.TOT.
SAMPLE		CNT	CNT	TURB'ITY	MG/L
DATE	HOURL			FTU	AS ZN
YYMMDD	LMT	SAMPLE			
		NUMBER	/100ML		
820113	0910	48330	19000	5.00	0.014
820210	0900	48375	1260	3.30	0.015
820309	0900	48425	140<=>	5.30	0.021
820414	0910	48482	1900	18.90	0.013
820505	0910	48548	5600<=>	4.40	0.012
820608	0850	48603	14400<=>	21.00	0.064
820707	0840	48665	41000	11.20	0.009
820804	0745	48701	190000<=>	68.00	0.035
820913	0855	48786	5600<=>	5.40	0.007
821012	0650	48853	3500	5.60	0.014
821122	0910	48935	3100<=>	10.20	0.018
821230	0840	48990	2800	7.10	0.015
MAXIMUM		190000	3400000	68.00	0.064
ARITH MEAN		24025	312387	13.78	0.020
GEOM MEAN		5446	24923	8.92	0.016
MINIMUM		140	760	3.30	0.007
STD DEV (GEOM *)		6*	8*	18.01	0.016
# SAMP IN STATISTICS		12	12	12	12
% SAMP (EXCLUDED)					

B.O.W./ SITE: CHIPPAWA CANAL
 SAMPLE POINT: WHIRLPOOL ROAD, NIAGARA FALLS
 STATION TYPE: RIVER

STATION ID: 11-0001-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: WELLAND RIVER

STORET CODE: 02
 004
 5400

LAT: 43 07 31.05 LONG: 079 04 52.83 U T M: 17 0656075.0 4776300.0 4 REGION: 02 DISTANCE: 3.862

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	ALUT	ASUT	BOD5	CAUR	CCNAUR	CDUT	CLIDUR	
				ALK	ALUMINUM	ARSENIC	BOD	CALCIUM	CYANIDE	CADMIUM	CHLORIDE	
				TOTAL	UNF.TOT.	UNF.TOT.	5 DAY	UNF.REAC	UNF.REAC	UNF.TOT.	UNF.REAC	
				MG/L	MG/L	MG/L	TOT.DEM.	MG/L	MG/L	MG/L	MG/L	
				AS CAC03	AS AL	AS AS	AS O	AS CA	AS HCN	AS CD	AS CL	
SAMPLE DATE	YMMDD LMT	SAMPLE NUMBER	DEPTH M	PROJECT SUB-PROJ CODE								
820121	1350	48345	0.30	0101	101	0.240	0.001<	1.0	36.0	0.005<T	0.0003	19.50
820204	1310	48362	0.30	0101	98	0.140	0.001<	1.6	35.0	0.005<T	0.0002	20.00
820311	1200	48440	0.30	0101	102	0.160U	0.001<	1.2	36.0	0.005<T	0.0008U	24.00
820415	1315	48497	0.30	0101	91.5	0.280	0.001<	1.0	35.2	0.005<T	0.0002<	18.50
820513	1140	48574	0.30	0101	85.4	0.095	0.001<	0.65	35.6	0.005<T	0.0002<	17.60
820622	1350	48618	0.30	0101	96.2	0.320	0.001	0.86	34.2	0.005<T	0.0002<	18.60
820706	1410	48663	0.30	0101	93.2	0.140	0.001<	0.33<T	36.8	0.005<T	0.0002<	18.50
820809	1310	48716	0.30	0101	94.4	0.150	0.001<	0.82	34.3	0.005<T	0.0002<	18.50
820902	1300	48805	0.30	0101	88.4	0.140	0.001<	1.01	32.0	0.005<T	0.0260	17.60
821005	1240	48846	0.30	0101	94.9	0.081	0.001<	1.35	34.5	0.005<	0.0002<	16.80
821104	1225	48906	0.30	0101	92.7	0.220	0.001	1.07	35.3	0.001<W	0.0002<	18.10
821209	1325	48970	0.30	0101	96.2	0.470	0.001<	0.83	36.5	0.001<W	0.0002<	17.90
MAXIMUM		0.30		102	0.470	0.001	1.6	36.8	0.005	0.0260	24.00	
ARITH MEAN		0.30		94	0.203	0.001	1.0 <A	35.1	0.004<A	0.0068	18.80	
GEOM MEAN				94	0.180		0.9 <A	35.1			18.73	
MINIMUM		0.30		85.4	0.081	0.001	0.33	32.0	0.001	0.0002	16.80	
STD DEV (GEOM *)				5	0.111		0.3 <A	1.3			1.85	
# SAMP IN STATISTICS		12		12	12	2	12	12	11	4	12	
% SAMP (EXCLUDED)						83			8	66		

*=INTERIM TEST-NAME:		COLAP	COND25	CRUT	CUUT	DO	FCMF	FEUT	FSMF	FVPH	FWSTRC	
							FECAL		FECAL			
							COLIFORM		IRON			
							MF		MF			
							CNT		CNT			
							/100ML		/100ML			
SAMPLE DATE	YMMDD LMT	SAMPLE NUMBER	COLOUR APPARENT HZU	CONDUCT. 25C UMHO/CM AT 25 C	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISSOLVED OXYGEN MG/L AS O					
820121	1350	48345	2.9	315	0.002	0.004	13.20	890	0.62	410	7.30	8
820204	1310	48362	0.9	308	0.002	0.003	13.80	1450	0.20	290	8.00	8
820311	1200	48440	3.1	340	0.003U	0.005U	11.80	6100	0.200	800	6.85	8
820415	1315	48497	3.3	305	0.004	0.002	12.40	2900	0.300	1500>	7.35	5
820513	1140	48574	5.6	285.0	0.008	0.029	14.00	200	0.230	210	6.40	8
820622	1350	48618	5.3	293.0	0.004	0.007	13.60	260	0.545	80<=>	8.20	8
820706	1410	48663	5.3	291.0	0.002	0.008	11.80	20<=>	0.170	10<	8.20	8
820809	1310	48716	3.4	297.0	0.002	0.006	6.70	9800	0.240	790	7.90	8
820902	1300	48805	1.0	301.0	0.032	0.022	8.20	1500>	0.190	540	8.10	8 9
821005	1240	48846	3.0	290.0	0.001	0.005	8.60	1920	0.135	290	7.95	8 9
821104	1225	48906	0.4<T	307.0	0.001<	0.004	10.50	3000>	0.260	3000>	7.90	8
821209	1325	48970	5.2	297.0	0.002	0.004	10.30	1800	0.465	320	8.15	8

(C O N T D)

B.O.W./ SITE: CHIPPAWA CANAL
 SAMPLE POINT: WHIRLPOOL ROAD, NIAGARA FALLS
 STATION TYPE: RIVER

STATION ID: 11-0001-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: WELLAND RIVER

STORET CODE: 02
 004
 5400

LAT: 43 07 31.05 LONG: 079 04 52.83 U T M: 17 0656075.0 4776300.0 4 REGION: 02 DISTANCE: 3.862

*=INTERIM TEST-NAME:		COLAP	COND25	CRUT	CUUT	DO	FCMF FECAL COLIFORM	FEUT	FSMF FECAL STREPCUS	FWPH	FWSTRC
SAMPLE DATE YYMMDD	HOUR LMT	COLOUR APPARENT HZU	CONDUCT. 25C UMHO/CM AT 25 C	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	MF CNT /100ML	IRON UNF.TOT. MG/L AS FE	MF CNT /100ML	PH FIELD	STREAM COND.
		MAXIMUM	5.6	340	0.032	0.029	14.00	9800	0.62	800	8.20
		ARITH MEAN	3.3<A	302	0.006	0.008	11.24	2534	0.30	414	7.69
		GEOM MEAN	2.6<A	302		0.006	10.98		0.26		7.67
		MINIMUM	0.4	285.0	0.001	0.002	6.70	20	0.135	80	6.40
		STD DEV (GEOM *)	1.8<A	15		0.008	2.41		0.16		0.59
		# SAMP IN STATISTICS	12	12	11	12	12	10	12	9	12
		% SAMP (EXCLUDED)			8		16		25		

*=INTERIM TEST-NAME:		FWTEMP	HARDT	HGUT	KKUR	MGUR	MNUT	NAUR	NIUT	NNHTFR NH3-N TOTAL	NNOTFR NO2+NO3N FIL.REAC
SAMPLE DATE YYMMDD	HOUR LMT	WATER TEMP DEG.C	HARDNESS TOTAL MG/L AS CAC03	MERCURY UNF.TOT. UG/L AS HG	POTASSIM UNF.REAC MG/L AS K	MAGNESIM FIL.REAC MG/L AS MG	MANGANSE UNF.TOT. MG/L AS MN	SODIUM UNF.REAC MG/L AS NA	NICKEL UNF.TOT. MG/L AS NI	AS N	AS N
820121	1350	48345	2.5	123	0.03<	1.60	8.00	0.018	9.9	0.004	0.142
820204	1310	48362	2.0	122	0.02<	1.45	8.50	0.006	10.7	0.004	0.300
820311	1200	48440	4.0	125.0	0.02	1.46	8.50	0.014	14.00	0.003U	0.044
820415	1315	48497	3.5	121.0	0.05<	1.50	8.10	0.0080	9.5	0.004	0.006
820513	1140	48574	7.0	121.0	0.04<	1.36	7.70	0.006	9.00	0.003	0.156
820622	1350	48618	16.0	117.0	0.03<	1.48	7.60	0.017	9.55	0.002	0.002<T
820706	1410	48663	20.0	123.0	0.04<	1.36	7.50	0.007	9.30	0.002	0.004<T
820809	1310	48716	23.0	118.0	0.03<	1.50	7.96	0.009	9.45	0.002	0.006
820902	1300	48805	21.0	113.0	0.02<	1.44	8.00	0.0080	9.40	0.064	0.014
821005	1240	48846	19.0	117.0		1.40	7.56	0.0060	8.95	0.001	0.004<T
821104	1225	48906	12.5	121.0	0.03<	1.66	8.00	0.0100	9.55	0.002	0.006
821209	1325	48970	5.0	123.0	0.02<	1.58	7.80	0.0090	9.35	0.002	0.004<T
		MAXIMUM	23.0	125.0	0.02	1.66	8.50	0.018	14.00	0.064	0.300
		ARITH MEAN	11.3	120	0.02	1.48	7.93	0.010	9.9	0.008	0.057<A
		GEOM MEAN	8.2	120		1.48	7.93	0.009	9.8	0.003	0.015<A
		MINIMUM	2.0	113.0	0.02	1.36	7.50	0.006	8.95	0.001	0.002
		STD DEV (GEOM *)	8.1	3		0.09	0.33	0.004	1.4	0.018	0.094<A
		# SAMP IN STATISTICS	12	12	1	12	12	12	12	12	12
		% SAMP (EXCLUDED)			90						

(C O N T D)

B.O.W./ SITE: CHIPPAWA CANAL
 SAMPLE POINT: WHIRLPOOL ROAD, NIAGARA FALLS
 STATION TYPE: RIVER

STATION ID: 11-0001-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: WELLAND RIVER

STORET CODE: 02
 004
 5400

LAT: 43 07 31.05 LONG: 079 04 52.83 U T M: 17 0656075.0 4776300.0 4 REGION: 02 DISTANCE: 3.862

*=INTERIM TEST-NAME:		NNO2FR	NNO3FR	NNTKUR	PBUT	PH	PHNOL	PP04FR	PPUT	PSAMF	PSAMFB	
		N02-N	N03-N	K'DAHL N	LEAD		PHENOLS	P04	PHOSPHOR	PSEUDOMN	PSEUDOMN	
		FIL.REAC	FIL.REAC	TOTAL	UNF.TOT.		UNF-REAC	FIL.REAC	UNF.TOT.	AERUG.	AERUG.	
SAMPLE		MG/L	MG/L	MG/L	MG/L		UG/L	MG/L	MG/L	MF	MF BKGD	
DATE	HR	AS N	AS N	AS N	AS PB	PH	PHENOL	AS P	AS P	CNT	CNT	
YYMMDD	LMT	NUMBER								/100ML	/100ML	
820121	1350	48345	0.009	0.285	0.48	0.005	8.15	1 <T	0.013	0.052	30<=>	10<
820204	1310	48362	0.019	0.465	0.75	0.003<	8.00	1 <T	0.010	0.020	8	4<
820311	1200	48440	0.0070	0.280	0.37	0.003U	8.28		0.0050	0.022	52	72
820415	1315	48497	0.0080	1.640	1.09	0.003<	8.15	1.0<T	0.0090	0.031	36	208
820513	1140	48574	0.0820	0.625	0.65	0.005	8.03	0.2<W	0.0100	0.027	20	92
820622	1350	48618	0.0325	0.655	0.78	0.003<	8.11	2.8	0.0180	0.035	770	210
820706	1410	48663	0.0050<T	0.745	0.35	0.003<	8.24	0.2<T	0.0120	0.030	600>	600>
820809	1310	48716	0.0040	1.450	1.18	0.003<	7.98	0.2<W		0.027	60<=>	20<=>
820902	1300	48805	0.1300	2.570	0.50	0.036	7.81	0.8	0.0040	0.023	110	30<=>
821005	1240	48846	0.0025	0.688	0.26	0.003<	8.36	0.2<T	0.0090	0.122	10<=>	20<=>
821104	1225	48906	0.0070	1.700	0.280	0.004	8.06	0.2<T	0.0230	0.047	150	1400
821209	1325	48970	0.0020<T	0.728	0.450	0.003<	8.20	0.6<T	0.0155	0.041	20<=>	40<=>
MAXIMUM		0.1300	2.570	1.18	0.036	8.36	2.8	0.0230	0.122	770	1400	
ARITH MEAN		0.026 <A	0.986	0.59	0.011	8.11	1 <A	0.012	0.040	115	232	
GEOM MEAN		0.011 <A	0.790	0.53		8.11	0 <A	0.010	0.035			
MINIMUM		0.0020	0.280	0.26	0.003	7.81	0.2	0.0040	0.020	8	20	
STD DEV (GEOM *)		0.040 <A	0.699	0.30		0.15	1 <A	0.006	0.028			
# SAMP IN STATISTICS		12	12	12	5	12	11	11	12	11	9	
% SAMP (EXCLUDED)					58					8	25	

*=INTERIM TEST-NAME:		RSF	RSP	SS04UR	TCMF	TCMFBK	TURB	ZNUT
		RESIDUE	RESIDUE	SULPHATE	COLIFORM	COLIFORM		
		FILTERED	PARTIC.	UNF.REAC	TOTAL	TOTAL MF		
		MG/L	MG/L	MG/L	MF	BCKGRD		
SAMPLE				AS S04	CNT	CNT	TURB'ITY	UNF.TOT.
DATE	HR	NUMBER			/100ML	/100ML	FTU	MG/L
YYMMDD	LMT							AS ZN
820121	1350	48345	205	6.7	29.0	1780	1820	0.004
820204	1310	48362	200	3.7	26.0	5100	3800	0.004
820311	1200	48440	221.0		29.5	27000	44000	0.008U
820415	1315	48497	198.0	5.090	28.0	12200<=>	19000	0.002
820513	1140	48574	185.0	5.000	23.4	860	2700	0.580
820622	1350	48618	190.0	11.700	24.8	35000<=>	510000	0.010
820706	1410	48663	189.0	3.650	24.8	13000<=>	1700000	0.001
820809	1310	48716	193.0	5.890	25.8	25000	110000	0.002
820902	1300	48805	196.0	6.240	24.6	77000	190000	0.023
821005	1240	48846	189.0	3.720	21.6	23000	21000	0.002
821104	1225	48906	200.0	8.720	27.26	62000	70000	0.004
821209	1325	48970	193.0	14.900	26.43	19000	17000	0.003

(C O N T D)

B.O.W./ SITE: CHIPPAWA CANAL
 SAMPLE POINT: WHIRLPOOL ROAD, NIAGARA FALLS
 STATION TYPE: RIVER

STATION ID: 11-0001-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: WELLAND RIVER

STORET CODE: 02
 004
 5400

LAT: 43 07 31.05 LONG: 079 04 52.83

U T M: 17 0656075.0 4776300.0 4

REGION: 02

DISTANCE: 3.862

*=INTERIM TEST-NAME:		RSF	RSP	SS04UR	TCMF	TCMFBK	TURB	ZNUT	
				SULPHATE	COLIFORM	COLIFORM		ZINC	
		RESIDUE	RESIDUE	UNF.REAC	TOTAL	TOTAL MF		UNF.TOT.	
		FILTERED	PARTIC.	MG/L	MF	BCKGRD		MG/L	
SAMPLE	DATE	SAMPLE		AS SO4	CNT	CNT	TURB'ITY	AS ZN	
YYMMDD	LMT	NUMBER	MG/L		/100ML	/100ML	FTU		
		MAXIMUM	221.0	14.900	29.5	77000	1700000	15.70	0.580
		ARITH MEAN	197	6.8	25.9	25078	224110	5.67	0.054
		GEOM MEAN	196	6.2	25.8	14086	37220	4.84	0.006
		MINIMUM	185.0	3.650	21.6	860	1820	2.10	0.001
		STD DEV (GEOM *)	10	3.6	2.3	4*	8*	3.85	0.166
		# SAMP IN STATISTICS	12	11	12	12	12	12	12
		% SAMP (EXCLUDED)							

B.O.W./ SITE: WELLAND RIVER
 SAMPLE POINT: AT MONTROSE BRIDGE
 STATION TYPE: RIVER

STATION ID: 11-0001-003-83

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: WELLAND RIVER

STORET CODE: 02
 004
 5400

LAT: 43 02 48.29 LONG: 079 07 24.19 U T M: 17 0652850.0 4767500.0 4 REGION: 02 DISTANCE: 14.162

*=INTERIM	TEST-NAME:	FWSADP	FGPROJ	ALKT	ALUTI	ALUT	ASUT	CDUT	CDUT	CLIDUR	COND25
SAMPLE		SAMPLE	PROJECT	ALK	INFLECTN	ALUMINUM	ARSENIC	CADMIUM	CADMIUM	CHLORIDE	CONDUCT.
DATE	HOUR	DEPTH	SUB-PROJ	TOTAL	POINT	UNF.TOT.	UNF.TOT.	UNF.TOT.	UNF.TOT.	UNF.REAC	25C
YYMMDD	LMT	M	CODE	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UMHO/CM
				AS CAC03	AS CAC03	AS AL	AS AS	AS CD	AS CD	AS CL	AT 25 C
820104	1415	62000	0103					0.0002			
820107	1115	62002	0103					0.0002<			
820204	1230	48361	0101	107		0.200	0.001<	0.0002		21.50	365
820218	1030	48392	0101								
820221	1115	62011	0103					0.0001<			
820223	1530	62013	0103					0.0001<			
820228	1615	62017	0103					0.0003			
820301	1050	48411	0101	118		0.394	0.001<	0.0004		26.50	420
820302	1515	62018	0103					0.0003			
820304	1115	62020	0103					0.0002<			
820307	1215	62022	0103					0.0001			
820309	1600	62024	0103					0.0002<			
820311	1115	48439	0101								
	1515	62026	0103					0.0003			
820314	1245	62028	0103					0.0003U			
820316	1445	62030	0103					0.0002<			
820318	0925	48451	0101								
	1115	62032	0103					0.0002<			
	1515	82177	0103						0.63		
820321	1300	62034	0103					0.0002<			
820323	1445	62036	0103					0.0003			
820325	0950	48471	0101								
	1130	62038	0103					0.0002<			
820328	1400	62040	0103					0.0002<			
820330	1600	62042	0103					0.0002<			
820401	1020	48474	0101								
820405	1515	62045	0103					0.0002<			
820407	1010	48478	0101	86		8.200U	0.001<	0.0002<		19.50	358
820408	1100	62050	0103					0.0002<			
820411	1030	62052	0103					0.0002<			
820415	1105	48496	0101								
	1400	62058	0103					0.0002<			
820418	1430	62060	0103					0.0002<			
820422	0955	48511	0101								
	1440	62063	0103					0.0015			
820425	1100	62065	0103					0.0002<			
820429	0950	48539	0101								
	1145	48544	0101								
	1345	62068	0103					0.0002<			
820502	1115	62070	0103					0.0002<			

(C O N T D)

B.O.W./ SITE: WELLAND RIVER
 SAMPLE POINT: AT MONTROSE BRIDGE
 STATION TYPE: RIVER

STATION ID: 11-0001-003-83

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: WELLAND RIVER

STORET CODE: 02
 004
 5400

LAT: 43 02 48.29 LONG: 079 07 24.19 U T M: 17 0652850.0 4767500.0 4 REGION: 02 DISTANCE: 14.162

*=INTERIM		TEST-NAME:	FWSADP	FGPROJ	ALKT	ALKTI	ALUT	ASUT	CDUT	CDUT	CLIDUR	COND25
SAMPLE DATE	HOUR	SAMPLE	SAMPLE	PROJECT	ALK	INFLECTN	ALUMINUM	ARSENIC	CADMIUM	CADMIUM	CHLORIDE	CONDUCT.
YYMMDD	LMT	NUMBER	DEPTH	SUB-PROJ	TOTAL	POINT	UNF.TOT.	UNF.TOT.	UNF.TOT.	UNF.TOT.	UNF.REAC	25C
			M	CODE	MG/L	MG/L	MG/L	MG/L	MG/L	UG/G DRY	MG/L	UMHO/CM
					AS CAC03	AS CAC03	AS AL	AS AS	AS CD	AS CD	AS CL	AT 25 C
820506	1050	48557	0.30	0101	92.5		0.173	0.001<	0.0002<		17.40	308.0
	1200	62074	0.30	0103					0.0002<			
820509	1100	62075	0.30	0103					0.0002<			
820513	1145	62078	0.30	0103					0.0002<			
820516	1530	62080	0.30	0103					0.0002<			
820518	1100	62083	0.30	0103					0.0002<			
820524	1215	62085	0.30	0103					0.0004			
820526	1115	62088	0.30	0103					0.0002			
820603	1100	62090	0.30	0103					0.0004			
820607	1500	62092	0.30	0103					0.0004			
820622	1220	48617	0.30	0101	103.9		0.690	0.001	0.0002<		22.50	341.0
	1600	62094	0.30	0103	109.9				0.0002<			
820706		62096	0.30	0103	90.8				0.0002			
	1315	48662	0.30	0101	78.7		0.610U	0.001<	0.0002U		20.80	340.0
820722	1130	62098	0.30	0103	104.7				0.0002<			
820805	1130	62100	0.30	0103	63.0							
820809	1230	48715	0.30	0101	80.1		0.580	0.001<	0.0010		21.00	439.0
820819	1415	62102	0.30	0103		52.98			0.0002			
820902	1155	48804	0.30	0101	77.4		0.270	0.001<	0.0002<		19.60	403.0
820908	1445	62104	0.30	0103					0.0002<			
820923	1115	68106	0.30	0103	49.9				0.0002<			
821005	1205	48845	0.30	0101	78.6		0.320	0.001<	0.0002<		19.20	370.0
821006	1130	62108	0.30	0103		100.10			0.0002<			
821020	1145	62110	0.30	0103		85.88			0.0002<			
821021	0915	48888	0.30	0101								
821028	1310	48895	0.30	0101								
821104	1135	48905	0.30	0101	64.3		0.620	0.001	0.0003		26.70	467.0
821109	1630	62112	0.30	0103	65.2				0.0002<			
821118	1010	48932	0.30	0101								
821123	1630	62114	0.30	0103	83.7				0.0002			
821209	1140	48969	0.30	0101	75.6		4.000	0.001<	0.0002		19.60	392.0
	1145	62116	0.30	0103	81.2				0.0002<			
821222	1030	62118	0.30	0103	64.4				0.0002<			
821229	1050	48982	0.30	0101								
		MAXIMUM	0.30		118	100.10	8.200	0.001	0.0015	0.63	26.70	467.0
		ARITH MEAN	0.30		84	79.65	1.460	0.001	0.0004	0.63	21.30	382
		GEOM MEAN			82	76.94	0.627				21.13	379
		MINIMUM	0.30		49.9	52.98	0.173	0.001	0.0001	0.63	17.40	308.0
		STD DEV (GEOM *)			18	24.17	2.485				2.94	47
		# SAMP IN STATISTICS	74		20	3	11	2	21	1	11	11
		% SAMP (EXCLUDED)						81	64			

(C O N T D)

B.O.W./ SITE: WELLAND RIVER
 SAMPLE POINT: AT MONTROSE BRIDGE
 STATION TYPE: RIVER

STATION ID: 11-0001-003-83

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: WELLAND RIVER

STORET CODE: 02
 004
 5400

LAT: 43 02 48.29 LONG: 079 07 24.19 U T M: 17 0652850.0 4767500.0 4 REGION: 02 DISTANCE: 14.162

*=INTERIM		TEST-NAME:	CRUT	CUUT	CUUT	DO	FCMF	FSMF	FWFLOW	FWPH	FWSTRC	FWTEMP
SAMPLE			CHROMIUM	COPPER	COPPER	DISOLVED	FECAL	FECAL	STREAM			
DATE	HOUR	SAMPLE	UNF.TOT.	UNF.TOT.	UNF.TOT.	OXYGEN	COLIFORM	STREPCUS	FLOW	PH	STREAM	WATER
YYMMDD	LMT	NUMBER	MG/L	MG/L	UG/G DRY	MG/L	MF	MF	M3	FIELD	COND.	TEMP
			AS CR	AS CU	AS CU	AS O	/100ML	/100ML	/S			DEG.C
820104	1415	62000		0.014					69.178		8	
820107	1115	62002		0.010					47.438		8	
820204	1230	48361	0.013	0.004		13.00	1010	420	20.727	7.90	4 5	2.5
820218	1030	48392	0.024			11.80			20.800	7.70	8	0.5
820221	1115	62011		0.006					21.250		9	
820223	1530	62013		0.006					21.525		9	
820228	1615	62017		0.017					21.726		9	
820301	1050	48411	0.010	0.006		12.20	10<	100	21.609	8.00	8	3.0
820302	1515	62018		0.010					21.554		9	
820304	1115	62020							21.452		9	
820307	1215	62022		0.007					21.324		8	
820309	1600	62024		0.006					21.250		8	
820311	1115	48439	0.022U			12.00			23.428	6.90	3	4.5
	1515	62026		0.002					23.428		9	
820314	1245	62028							130.300		8	
820316	1445	62030		0.014					152.260		8	
820318	0925	48451	0.022U			8.10			139.450	6.85	3 9	0.5
	1115	62032		0.010					139.450		8	
	1515	82177			98							
820321	1300	62034		0.008					88.210		8	
820323	1445	62036		0.012					78.328		8	
820325	0950	48471	0.008			10.60			71.740	7.80	3 9	3.0
	1130	62038		0.005					71.740		9	
820328	1400	62040		0.005U					38.873		8	
820330	1600	62042		0.005U					45.388		8	
820401	1020	48474	0.033U			10.60			154.456	7.90	3 9	6.0
820405	1515	62045		0.009U					43.265		8	
820407	1010	48478	0.019U	0.014U		12.20	380	540	30.309	8.20	3	2.0
820408	1100	62050		0.010U					30.894		8	
820411	1030	62052		0.006					48.499		8	
820415	1105	48496	0.009			11.20			34.664	7.65	3 9	5.5
	1400	62058		0.010U					34.664		9	
820418	1430	62060		0.009					32.395		8	
820422	0955	48511	0.009			12.30			38.251	7.35	3	5.0
	1440	62063							38.251		8	
820425	1100	62065		0.004					24.489		8	
820429	0950	48539	0.002<			14.10			21.832	7.35	5	2.0
	1145	48544							21.832			
	1345	62068		0.002					21.832		8	
820502	1115	62070		0.007					21.064		8	

(C O N T D)

B.O.W./ SITE: WELLAND RIVER
 SAMPLE POINT: AT MONTROSE BRIDGE
 STATION TYPE: RIVER

STATION ID: 11-0001-003-83

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: WELLAND RIVER

STORET CODE: 02
 004
 5400

LAT: 43 02 48.29 LONG: 079 07 24.19 U T M: 17 0652850.0 4767500.0 4 REGION: 02 DISTANCE: 14.162

*INTERIM		TEST-NAME:	CRUT	CUUT	CUUT	DO	FCMF	FSMF	FWFLOW	FWPH	FWSTRC	FWTEMP
			CHROMIUM	COPPER	COPPER	DISOLVED	FECAL	FECAL	STREAM			
SAMPLE			UNF.TOT.	UNF.TOT.	UNF.TOT.	OXYGEN	COLIFORM	STREPCUS	FLOW		COND.	TEMP
DATE	HR	SAMPLE	MG/L	MG/L	UG/G DRY	MG/L	MF	MF	M3	PH		DEG.C
YYMMDD	LMT	NUMBER	AS CR	AS CU	AS CU	AS O	CNT	CNT	/S	FIELD		
							/100ML	/100ML				
820506	1050	48557	0.001<	0.003		16.40	10<	10<	20.822	7.20	8	6.5
	1200	62074		0.005					20.822		8	
820509	1100	62075		0.011					20.804		8	
820513	1145	62078		0.013					20.749		8	
820516	1530	62080		0.007					20.705		9	
820518	1100	62083		0.007					20.654		9	
820524	1215	62085		0.014					20.811		8	
820526	1115	62088		0.004					20.764		5	
820603	1100	62090		0.015					20.943		8	
820607	1500	62092		0.010					66.982		5	
820622	1220	48617	0.011	0.009		11.40	7800	480	28.003	7.90	8	16.5
	1600	62094		0.008					28.003		5	
820706		62096		0.011					20.782			
	1315	48662	0.015U	0.007U		10.40	180	10<	20.782	7.90	8	21.0
820722	1130	62098		0.011					20.665		5	
820805	1130	62100		0.009					21.283		8	
820809	1230	48715	0.009	0.001		5.60	3400	450	21.181	7.65	3 9	24.0
820819	1415	62102		0.008					20.643		8	
820902	1155	48804	0.008	0.006		7.60	1500>	210	21.137	7.85	8	20.5
820908	1445	62104		0.004					21.144		5	
820923	1115	68106		0.006					24.061		9	
821005	1205	48845	0.004	0.006		7.70	50<=>	10<	21.232	7.60	8	19.0
921006	1130	62108		0.005					21.016		8	
821020	1145	62110		0.003					22.828		8	
821021	0915	48888	0.002			9.30			22.795	8.10	8	11.5
821028	1310	48895							22.769			
821104	1135	48905	0.012	0.015		9.40	15000>	4500	86.380	7.80	3	12.5
821109	1630	62112		0.012					27.637		8	
821118	1010	48932	0.009			10.40			24.090	8.45	3 9	6.5
821123	1630	62114		0.012					47.767		8	
821209	1140	48969	0.012	0.019		9.30	2800	1280	30.492	8.15	3	5.0
	1145	62116		0.008					30.492		8	
821222	1030	62118		0.009					25.258			
821229	1050	48982	0.012			11.00			65.152	7.80	3	5.5
		MAXIMUM	0.033	0.019	98	16.40	7800	4500	154.456	8.45		24.0
		ARITH MEAN	0.013	0.008	98	10.75	2231	997	39.435	7.73		8.3
		GEOM MEAN		0.007		10.49			31.896	7.72		5.3
		MINIMUM	0.002	0.001	98	5.60	50	100	20.643	6.85		0.5
		STD DEV (GEOM *)		0.004		2.36			33.148	0.40		7.3
		# SAMP IN STATISTICS	20	57	1	22	7	8	73	22		22
		% SAMP (EXCLUDED)	9				36	27				

(C O N T D)

B.O.W./ SITE: WELLAND RIVER
 SAMPLE POINT: AT MONTROSE BRIDGE
 STATION TYPE: RIVER

STATION ID: 11-0001-003-83

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: WELLAND RIVER

STORET CODE: 02
 004
 5400

LAT: 43 02 48.29 LONG: 079 07 24.19 U T M: 17 0652850.0 4767500.0 4 REGION: 02 DISTANCE: 14.162

*=INTERIM TEST-NAME:		HGUT	HGUT	NNHTFR	NNOTFR	NNO2FR	NNO3FR	NNTKUR	PBUT	PBUT	PH
		MERCURY	MERCURY	NH3-N				K'DAHL N	LEAD	LEAD	
SAMPLE		UNF.TOT.	UNF.TOT.	TOTAL	N02+N03N	N02-N	N03-N	TOTAL	UNF.TOT.	UNF.TOT.	
DATE	HR	UG/L	UG/G DRY	FIL.REAC	FIL.REAC	FIL.REAC	FIL.REAC	FIL.TOT.	MG/L	MG/L	
YYMMDD	LMT	AS HG	AS HG	MG/L	MG/L	MG/L	MG/L	MG/L	AS PB	AS PB	PH
	SAMPLE			AS N	AS N	AS N	AS N	AS N			
	NUMBER										
820104	1415	62000	0.08		5.000	0.910	4.090		0.014		
820107	1115	62002			3.550	0.075	3.480		0.004		
820204	1230	48361	0.02<	4.600	2.900	0.052	2.840	12.30	0.003<		7.42
820218	1030	48392	0.02<						0.005		
820221	1115	62011	0.02<		22.500	0.038	22.500		0.003<		
820223	1530	62013			12.75	0.077	12.700		0.003<		
820228	1615	62017			0.950	0.034	0.915		0.021		
820301	1050	48411	0.03<	2.650	1.550	0.0540	1.500	7.00	0.003<		7.97
820302	1515	62018	0.03<		1.850	0.064	1.790		0.003<		
820304	1115	62020			1.500	0.059	1.440		0.003<		
820307	1215	62022			5.600	0.073	5.530		0.004		
820309	1600	62024			8.050	0.130	7.920		0.003<		
820311	1115	48439	0.02						0.006U		
	1515	62026	0.04		13.800	7.800	6.00		0.003<		
820314	1245	62028			4.450	0.0340	4.420				
820316	1445	62030	0.04		2.050	0.039	2.010		0.006		
820318	0925	48451	0.04						0.003<		
	1115	62032			1.700	0.071	1.630		0.003<		
	1515	82177		0.06						40	
820321	1300	62034	0.05<		1.750	0.055	1.700		0.003<		
820323	1445	62036			1.950	0.062	1.890		0.003<		
820325	0950	48471	0.06<						0.003<		
	1130	62038	0.02<		3.050	0.008	3.040		0.003<		
820328	1400	62040			1.850	0.035	1.815		0.003<		
820330	1600	62042	0.02<		2.350	0.035	2.315		0.003<		
820401	1020	48474	0.05<						0.006U		
820405	1515	62045			10.500				0.003U		
820407	1010	48478	0.04<	0.018		0.0375		1.90	0.004U		6.65
820408	1100	62050	0.03<						0.003<		
820411	1030	62052							0.003<		
820415	1105	48496	0.05<						0.003<		
	1400	62058	0.05<		11.800	0.0900	11.700		0.003<		
820418	1430	62060			23.200	9.2500	14.000		0.003<		
820422	0955	48511	0.05<						0.003<		
	1440	62063	0.05<		9.750	0.0190	9.730		0.003		
820425	1100	62065			7.500	0.0070	7.495		0.004		
820429	0950	48539	0.04<						0.003<		
	1145	48544		0.17							
	1345	62068	0.04<		11.000	0.0240	10.975		0.003<		
820502	1115	62070			38.800	12.2000	26.600		0.005		

(C O N T D)

B.O.W./ SITE: WELLAND RIVER
 SAMPLE POINT: AT MONTROSE BRIDGE
 STATION TYPE: RIVER

STATION ID: 11-0001-003-83

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: WELLAND RIVER

STORET CODE: 02
 004
 5400

LAT: 43 02 48.29 LONG: 079 07 24.19 U T M: 17 0652850.0 4767500.0 4 REGION: 02 DISTANCE: 14.162

*=INTERIM TEST-NAME:		HGUT	HGUT	NNHTFR	NNOTFR	NNO2FR	NNO3FR	NNTKUR	PBUT	PBUT	PH	
		MERCURY	MERCURY	NH3-N				K'DAHL N				
		UNF.TOT.	UNF.TOT.	TOTAL	NO2+NO3N	NO2-N	NO3-N	TOTAL	LEAD	LEAD		
SAMPLE		UG/L	UG/G DRY	FIL.REAC	FIL.REAC	FIL.REAC	FIL.REAC	FIL.TOT.	UNF.TOT.	UNF.TOT.		
DATE	HOUR	AS HG	AS HG	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	PH	
YYMMDD	LMT	AS HG	AS HG	AS N	AS N	AS N	AS N	AS N	AS PB	AS PB		
820506	1050	48557	0.04<	0.012	5.750	0.0060	5.740	3.40	0.003<		8.10	
	1200	62074	0.04<	0.012	0.3	0.01 <T			0.003			
820509	1100	62075			22.800	3.2000	19.600		0.003<			
820513	1145	62078	0.05<		4.500				0.003<			
820516	1530	62080			9.750	2.3500	7.400		0.008			
820518	1100	62083	0.05<		12.200	1.1500	11.100		0.004			
820524	1215	62085			21.000				0.003<			
820526	1115	62088	0.08<		5.750				0.003<			
820603	1100	62090			16.500	0.0040	16.500		0.007			
820607	1500	62092	0.04<		21.200	0.2280	21.000		0.003<			
820622	1220	48617	0.03<	0.158	5.500	0.0325	5.470	5.55	0.003<		6.94	
	1600	62094			11.000	1.2000	9.800		0.003<			
820706		62096	0.05<		10.000	0.0160	9.980		0.006			
	1315	48662	0.04<	0.008	6.750	0.0060	6.740	1.28	0.003<		7.51	
820722	1130	62098			11.500	4.2500	7.250		0.003<			
820805	1130	62100	0.03<		13.000	0.0540	12.900					
820809	1230	48715	0.03<	3.260	20.200	2.6000	17.600	18.20	0.025		7.43	
820819	1415	62102			14.500	0.0040	14.500		0.005			
820902	1155	48804	0.02<	6.450	15.000	3.9200	11.080	8.40	0.005		7.20	
820908	1445	62104	0.04<		12.500				0.005			
820923	1115	68106			25.500	8.2000	17.300		0.007			
821005	1205	48845		0.264	12.000	0.0080	12.000	1.28	0.002		8.26	
821006	1130	62108	0.04<		3.800	0.0050	3.800		0.004			
821020	1145	62110							0.003<			
821021	0915	48888	0.02<						0.003<			
821028	1310	48895		0.30								
821104	1135	48905	0.03<	0.036	25.500	0.2000	25.300	1.070	0.010		6.94	
821109	1630	62112	0.03		8.250	2.1800	6.070		0.003<			
821118	1010	48932	0.03<						0.003<			
821123	1630	62114			4.360	0.1400	4.220		0.006			
821209	1140	48969	0.02<	0.560	7.500	0.0745	7.420	2.800	0.004		7.17	
	1145	62116	0.02		7.500	0.0270	7.470		0.003		7.23	
821222	1030	62118			10.750	0.1300	10.620		0.005		7.14	
821229	1050	48982	0.03<						0.003<			
		MAXIMUM	0.08	0.30	6.450	38.800	12.2000	26.600	18.20	0.025	40	8.26
		ARITH MEAN	0.04	0.18	1.502	9.9	1.18 <A	8.82	5.74	0.006	40	7.38
		GEOM MEAN		0.15	0.201	6.8	0.11 <A	6.40	3.79			7.37
		MINIMUM	0.02	0.06	0.008	0.3	0.0040	0.915	1.070	0.002	40	6.65
		STD DEV (GEOM *)		0.12	2.210	8.0	2.64 <A	6.60	5.45			0.48
		# SAMP IN STATISTICS	7	3	12	56	52	50	11	30	1	13
		% SAMP (EXCLUDED)	84						56			

(C O N T D)

B.O.W./ SITE: WELLAND RIVER
 SAMPLE POINT: AT MONTROSE BRIDGE
 STATION TYPE: RIVER

STATION ID: 11-0001-003-83

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: WELLAND RIVER

STORET CODE: 02
 004
 5400

LAT: 43 02 48.29 LONG: 079 07 24.19

U T M: 17 0652850.0 4767500.0 4

REGION: 02

DISTANCE: 14.162

*INTERIM		TEST-NAME:	PHNOL	PP04FR	PPUT	PPUT	PSAMF PSEUDOMN AERUG. MF CNT /100ML	PSAMFB PSEUDOMN AERUG. MF BKGD CNT /100ML	P1ALDR	P1ALDR	P1ALDR	P1BHCA
SAMPLE DATE YYMMDD	HOOR LMT	SAMPLE NUMBER	PHENOLS UNF-REAC UG/L PHENOL	PO4 FIL.REAC MG/L AS P	PHOSPHOR UNF.TOT. MG/L AS P	PHOSPHOR UNF.TOT. MG/G DRY AS P			ALDRIN NG/L	ALDRIN NG/G DRY	ALDRIN NG/G WET	BHC ALPHA NG/L
820104	1415	62000		0.250	0.575							
820107	1115	62002		0.190	0.380							
820204	1230	48361	1 <T	0.030	0.060				1<W			2
820208	1030	48392			0.232							
820221	1115	62011		0.030	0.080							
820223	1530	62013		0.105	0.215							
820228	1615	62017		0.014	0.070							
820301	1050	48411	1	0.0470	0.088				1<W			6
820302	1515	62018		0.080	0.163							
820304	1115	62020		0.038	0.095							
820307	1215	62022		0.062	0.130							
820309	1600	62024		0.089	0.158							
820311	1115	48439			0.064							
820314	1245	62028		0.195	0.815							
820316	1445	62030		0.280	0.290							
820318	0925	48451			0.358							
	1115	62032		0.130	0.350							
	1515	82177				2.6				1<		
820321	1300	62034		0.120	0.295							
820323	1445	62036		0.110	0.250							
820325	0950	48471			0.212							
	1130	62038		0.160	0.318							
820328	1400	62040		0.064	0.150							
820330	1600	62042		0.1300	0.230							
820401	1020	48474			0.475							
820405	1515	62045		0.088	0.320							
820407	1010	48478	1	0.0890	0.315				1<W			5
820408	1100	62050			0.285							
820411	1030	62052		0.0730	0.250							
820415	1105	48496			0.318							
	1400	62058		0.1150	0.232							
820418	1430	62060		0.1250	0.270							
820422	0955	48511			0.135							
	1440	62063		0.0580	0.162							
820425	1100	62065		0.0400	0.060							
820429	0950	48539			0.038				1<W			1<W
	1145	48544								1<W		
	1345	62068		0.0560	0.102							
820502	1115	62070		0.0800	0.138							
820506	1050	48557	0.4<T	0.1500	0.210				1<W			2

(C O N T D)

B.O.W./ SITE: WELLAND RIVER
 SAMPLE POINT: AT MONTROSE BRIDGE
 STATION TYPE: RIVER

STATION ID: 11-0001-003-83

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: WELLAND RIVER

STORET CODE: 02
 004
 5400

LAT: 43 02 48.29 LONG: 079 07 24.19

U T M: 17 0652850.0 4767500.0 4

REGION: 02

DISTANCE: 14.162

*=INTERIM	TEST-NAME:	PHNOL	PP04FR	PPUT	PPUT	PSAMF	PSAMFB	P1ALDR	P1ALDR	P1ALDR	P1BHCA	
		PHENOLS	P04	PHOSPHOR	PHOSPHOR	PSEUDOMN	PSEUDOMN					
SAMPLE		UNF-REAC	FIL.REAC	UNF.TOT.	UNF.TOT.	AERUG.	AERUG.				BHC	
DATE	HOURL	UG/L	MG/L	MG/L	MG/G DRY	MF	MF BKGD	ALDRIN	ALDRIN	ALDRIN	ALPHA	
YYMMDD	LMT	PHENOL	AS P	AS P	AS P	CNT	CNT	NG/L	NG/G DRY	NG/G WET	NG/L	
820509	1100	62075	0.0850	0.190								
820513	1145	62078	0.0810	0.138								
820516	1530	62080	0.0850	0.148								
820518	1100	62083	0.0560	0.100								
820524	1215	62085	0.0760	0.153								
820526	1115	62088	0.0770	0.124								
820603	1100	62090	0.0420U	0.033								
820607	1500	62092	0.0950	0.235								
820622	1220	48617	2.8 0.1125	0.228								
	1600	62094	0.1100	0.230								
820706		62096	0.0430	0.212								
	1315	48662	0.0470	0.120				5<W			4	
820722	1130	62098	0.0780	0.173								
820805	1130	62100	0.0930	0.190								
820809	1230	48715	0.0830	0.148		960	640	1<W			4	
820819	1415	62102	0.0260	0.075								
820902	1155	48804	0.0310	0.074				1<W			6	
820908	1445	62104	0.0730	0.108								
820923	1115	68106	0.0810	0.138								
821005	1205	48845	0.0470	0.093				1<W			4	
821006	1130	62108		0.187								
821020	1145	62110	0.0310	0.077								
821021	0915	48888		0.042								
821028	1310	48895							1<W			
821104	1135	48905	0.6<T	0.183				1<W			5	
821109	1630	62112	0.0950	0.182								
821118	1010	48932		0.112								
821123	1630	62114	0.0650	0.143								
821209	1140	48969	0.0950	0.215		10<=>	120	1<W			3	
	1145	62116	0.0940	0.205								
821222	1030	62118	0.0900	0.232								
821229	1050	48982		0.360								
		MAXIMUM	2.8	0.280	0.815	2.6	960	640	5	1	1	6
		ARITH MEAN	1 <A	0.089	0.199	2.6	485	380	1<A	1<A	1<A	4<A
		GEOM MEAN	0 <A	0.076	0.165		98	277	1<A			3<A
		MINIMUM	0.2	0.014	0.033	2.6	10	120	1	1	1	1
		STD DEV (GEOM *)	1 <A	0.052	0.129		25*	3*	1<A			2<A
		# SAMP IN STATISTICS	11	55	69	1	2	2	11	1	1	11
		% SAMP (EXCLUDED)								50		

(C O N T D)

B.O.W./ SITE: WELLAND RIVER
 SAMPLE POINT: AT MONTROSE BRIDGE
 STATION TYPE: RIVER

STATION ID: 11-0001-003-83

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: WELLAND RIVER

STORET CODE: 02
 004
 5400

LAT: 43 02 48.29 LONG: 079 07 24.19

U T M: 17 0652850.0 4767500.0 4

REGION: 02

DISTANCE: 14.162

*=INTERIM TEST-NAME:		PIBHCA	PIBHCA	PIBHCB	PIBHCB	PIBHCB	PIBHCB	PIBHCB	PIBHCB	PIBHCB	PIBHCB	PICHLA	PICHLA
SAMPLE DATE	YMHDD LMT	SAMPLE NUMBER	BHC ALPHA NG/G DRY	BHC ALPHA NG/G WET	BHC BETA NG/L	BHC BETA NG/G DRY	BHC BETA NG/G WET	BHC GAMMA NG/L	BHC GAMMA NG/G DRY	BHC GAMMA NG/G WET	CHLRDANE ALPHA NG/L	CHLRDANE ALPHA NG/G DRY	
820204	1230	48361			1<W			4			2<W		
820301	1050	48411			1<W			2			2<W		
820318	1515	82177	1<			1<			1<			2<	
820407	1010	48478			1<W			1<W			2<W		
820429	0950	48539			1<W			1<W			2<W		
	1145	48544		1<W			1<W			1<W			
820506	1050	48557			1<W			1			2<W		
820706	1315	48662			1<W			1<W			2<W		
820809	1230	48715			1<W			1<W			2<W		
820902	1155	48804			1<W			7			2<W		
821005	1205	48845			1<W			1			2<W		
821028	1310	48895	1<W			1<W			1<W			2<W	
821104	1135	48905			1<W			2			2<W		
821209	1140	48969			1<W			1			2<W		
	MAXIMUM	1	1	1	1	1	1	7	1	1	2	2	
	ARITH MEAN	1<A	1<A	1<A	1<A	1<A	1<A	2<A	1<A	1<A	2<A	2<A	
	GEOM MEAN			1<A				2<A			2<A		
	MINIMUM	1	1	1	1	1	1	1	1	1	2	2	
	STD DEV (GEOM *)			0<A				2<A			0<A		
	# SAMP IN STATISTICS	1	1	11	1	1	1	11	1	1	11	1	
	% SAMP (EXCLUDED)	50			50				50			50	

*=INTERIM TEST-NAME:		PICHLA	PICHLG	PICHLG	PICHLG	PIDIEL	PIDIEL	PIDIEL	PIDMDT	PIDMDT	PIDMDT	
SAMPLE DATE	YMHDD LMT	SAMPLE NUMBER	CHLRDANE ALPHA NG/G WET	CHLRDANE GAMMA NG/L	CHLRDANE GAMMA NG/G DRY	CHLRDANE GAMMA NG/G WET	DIELDRIN NG/L	DIELDRIN NG/G DRY	DIELDRIN NG/G WET	DMDT MTHXYLLR NG/L	DMDT MTHXYLLR NG/G DRY	DMDT MTHXYLLR NG/G WET
820204	1230	48361		2<W			2<W			5<W		
820301	1050	48411		2<W			2<W			5<W		
820318	1515	82177			2<			2<			5<	
820407	1010	48478		2<W			2<W			5<W		
820429	0950	48539		2<W			2<W			5<W		
	1145	48544	1<W			2<W			2<W			5<W
820506	1050	48557		2<W			2<W			5<W		
820706	1315	48662		2<W			2<W			5<W		
820809	1230	48715		2<W			2<W			5<W		
820902	1155	48804		2<W			2<W			5<W		
821005	1205	48845		2<W			2<W			5<W		
821028	1310	48895			2<W			2<W			5<W	

(C O N T D)

B.O.W./ SITE: WELLAND RIVER
 SAMPLE POINT: AT MONTROSE BRIDGE
 STATION TYPE: RIVER

STATION ID: 11-0001-003-83

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: WELLAND RIVER

STORET CODE: 02
 004
 5400

LAT: 43 02 48.29 LONG: 079 07 24.19 U T M: 17 0652850.0 4767500.0 4 REGION: 02 DISTANCE: 14.162

*=INTERIM TEST-NAME:			P1CHLA	P1CHLG	P1CHLG	P1CHLG	P1DIEL	P1DIEL	P1DIEL	P1DMDT	P1DMDT	P1DMDT	
SAMPLE DATE	YMHDD LMT	HOUR	SAMPLE NUMBER	CHLRDANE ALPHA NG/G WET	CHLRDANE GAMMA NG/L	CHLRDANE GAMMA NG/G DRY	CHLRDANE GAMMA NG/G WET	DIELDRIN NG/L	DIELDRIN NG/G DRY	DIELDRIN NG/G WET	DMDT MTHXYLLR NG/L	DMDT MTHXYLLR NG/G DRY	DMDT MTHXYLLR NG/G WET
821104	1135		48905		2<W			2<W			5<W		
821209	1140		48969		2<W			2<W			5<W		
MAXIMUM			1	2	2	2	2	2	2	2	5	5	5
ARITH MEAN			1<A	2<A	2<A	2<A	2<A	2<A	2<A	2<A	5<A	5<A	5<A
GEOM MEAN				2<A			2<A				5<A		
MINIMUM			1	2	2	2	2	2	2	2	5	5	5
STD DEV (GEOM *)				0<A			0<A				0<A		
# SAMP IN STATISTICS			1	11	1	1	11	1	1	1	11	1	1
% SAMP (EXCLUDED)					50			50				50	

*=INTERIM TEST-NAME:			P1ENDR	P1ENDR	P1ENDR	P1ENDS	P1ENDS	P1ENDS	P1END1	P1END1	P1END1	P1END2	
SAMPLE DATE	YMHDD LMT	HOUR	SAMPLE NUMBER	ENDRIN NG/L	ENDRIN NG/G DRY	ENDRIN NG/G WET	ENDOSULP SULPHATE NG/L	ENDOSULP SULPHATE NG/G DRY	ENDOSULP SULPHATE NG/G WET	ENDOSULP I NG/L	ENDOSULP I NG/G DRY	ENDOSULP I NG/G WET	ENDOSULP II NG/L
820204	1230		48361	4<W			4<W			2<W			4<W
820301	1050		48411	4<W			4<W			2<W			4<W
820318	1515		82177		4<			4<			2<		
820407	1010		48478	4<W			4<W			2<W			4<W
820429	0950		48539	4<W			4<W			2<W			4<W
	1145		48544			4<W			4<W			2<W	
820506	1050		48557	4<W			4<W			2<W			4<W
820706	1315		48662	4<W			4<W			2<W			4<W
820809	1230		48715	4<W			4<W			2<W			4<W
820902	1155		48804	4<W			4<W			2<W			4<W
821005	1205		48845	4<W			4<W			2<W			4<W
821028	1310		48895		4<W			4<W			2<W		
821104	1135		48905	4<W			4<W			2<W			4<W
821209	1140		48969	4<W			4<W			2<W			4<W
MAXIMUM			4	4	4	4	4	4	2	2	2	4	
ARITH MEAN			4<A	4<A	4<A	4<A	4<A	4<A	2<A	2<A	2<A	4<A	
GEOM MEAN			4<A			4<A			2<A			4<A	
MINIMUM			4	4	4	4	4	4	2	2	2	4	
STD DEV (GEOM *)			0<A			0<A			0<A			0<A	
# SAMP IN STATISTICS			11	1	1	11	1	1	11	1	1	11	
% SAMP (EXCLUDED)				50			50			50			

(C O N T D)

B.O.W./ SITE: WELLAND RIVER
 SAMPLE POINT: AT MONTROSE BRIDGE
 STATION TYPE: RIVER

STATION ID: 11-0001-003-83

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: WELLAND RIVER

STORET CODE: 02
 004
 5400

LAT: 43 02 48.29

LONG: 079 07 24.19

U T M: 17 0652850.0 4767500.0 4

REGION: 02

DISTANCE: 14.162

* = INTERIM		TEST-NAME:	P1END2	P1END2	P1HEPE	P1HEPE	P1HEPE	P1HEPT	P1HEPT	P1HEPT	P1MIRX	P1MIRX
SAMPLE DATE	HHMM	NUMBER	ENDOSULP II NG/G DRY	ENDOSULP II NG/G WET	HEPE NG/L	HEPE NG/G DRY	HEPE NG/G WET	HEPACHOR NG/L	HEPACHOR NG/G DRY	HEPACHOR NG/G WET	MIREX NG/L	MIREX NG/G DRY
820204	1230	48361			1<W			1<W			5<W	
820301	1050	48411			1<W			1<W			5<W	
820318	1515	82177	4<			1<			1<			500<
820407	1010	48478			1<W			1<W			5<W	
820429	0950	48539			1<W			1<W			5<W	
	1145	48544		4<W			1<W			1<W		
820506	1050	48557			1<W			1<W			5<W	
820706	1315	48662			1<W			1<W			5<W	
820809	1230	48715			1<W			1<W			5<W	
820902	1155	48804			1<W			1<W			5<W	
821005	1205	48845			1<W			1<W			5<W	
821028	1310	48895	4<W			1<W			1<W			500<W
821104	1135	48905			1<W			1<W			5<W	
821209	1140	48969			1<W			1<W			5<W	
MAXIMUM			4	4	1	1	1	1	1	1	5	500
ARITH MEAN			4<A	4<A	1<A	1<A	1<A	1<A	1<A	1<A	5<A	500<A
GEOM MEAN					1<A			1<A			5<A	
MINIMUM			4	4	1	1	1	1	1	1	5	500
STD DEV (GEOM *)					0<A			0<A			0<A	
# SAMP IN STATISTICS			1	1	11	1	1	11	1	1	11	1
% SAMP (EXCLUDED)			50			50			50			50

* = INTERIM		TEST-NAME:	P1MIRX	P1OCHL	P1OCHL	P1OCHL	P1OPDT	P1OPDT	P1OPDT	P1PCBT	P1PCBT	P1PCBT
SAMPLE DATE	HHMM	NUMBER	MIREX NG/G WET	OXCHLANE NG/L	OXCHLANE NG/G DRY	OXCHLANE NG/G WET	OP-DDT NG/L	OP-DDT NG/G DRY	OP-DDT NG/G WET	PCB TOTAL NG/L	PCB TOTAL NG/G DRY	PCB TOTAL NG/G 4:1 1254:60
820204	1230	48361		2<W			5<W			20<W		
820301	1050	48411		2<W			5<W			20<W		
820318	1515	82177			2<			5<			3800	
820407	1010	48478		2<W			5<W			20<W		
820429	0950	48539		2<W			5<W			20<W		
	1145	48544	500<W			2<W			5<W			20<W
820506	1050	48557		2<W			5<W			20<W		
820706	1315	48662		2<W			5<W			20<W		
820809	1230	48715		2<W			5<W			20<W		
820902	1155	48804		2<W			5<W			20<W		
821005	1205	48845		2<W			5<W			20<W		
821028	1310	48895			2<W			5<W			140	

(C O N T D)

B.O.W./ SITE: WELLAND RIVER
 SAMPLE POINT: AT MONTROSE BRIDGE
 STATION TYPE: RIVER

STATION ID: 11-0001-003-83

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: WELLAND RIVER

STORET CODE: 02
 004
 5400

LAT: 43 02 48.29 LONG: 079 07 24.19 U T M: 17 0652850.0 4767500.0 4 REGION: 02 DISTANCE: 14.162

*=INTERIM TEST-NAME:		P1MIRX	P1OCHL	P1OCHL	P1OCHL	P1OPDT	P1OPDT	P1OPDT	P1PCBT	P1PCBT	P1PCBT		
SAMPLE DATE	YHMMDD	TIME	NUMBER	MIREX NG/G WET	OXCHLANE NG/L	OXCHLANE NG/G DRY	OXCHLANE NG/G WET	OP-DDT NG/L	OP-DDT NG/G DRY	OP-DDT NG/G WET	PCB TOTAL NG/L	PCB TOTAL NG/G DRY	PCB TOTAL NG/G 4:1 1254:60
821104	1135		48905		2<W			5<W			20<W		
821209	1140		48969		2<W			5<W			20<W		
			MAXIMUM	500	2	2	2	5	5	5	20	3800	20
			ARITH MEAN	500<A	2<A	2<A	2<A	5<A	5<A	5<A	20<A	1970	20<A
			GEOM MEAN		2<A			5<A			20<A	729	
			MINIMUM	500	2	2	2	5	5	5	20	140	20
			STD DEV (GEOM *)		0<A			0<A			0<A	2588	
			# SAMP IN STATISTICS	1	11	1	1	11	1	1	11	2	1
			% SAMP (EXCLUDED)			50			50				

*=INTERIM TEST-NAME:		P1PPDD	P1PPDD	P1PPDD	P1PPDE	P1PPDE	P1PPDE	P1PPDT	P1PPDT	P1PPDT	RSF		
SAMPLE DATE	YHMMDD	TIME	NUMBER	PP-DDD NG/L	PP-DDD NG/G DRY	PP-DDD NG/G WET	PP-DDE NG/L	PP-DDE NG/G DRY	PP-DDE NG/G WET	PP-DDT NG/L	PP-DDT NG/G DRY	PP-DDT NG/G WET	RESIDUE FILTERED MG/L
820204	1230		48361	5<W			1<W			5<W			237
820301	1050		48411	5<W			1<W			5<W			250.0
820318	1515		82177		5<			1<			5<		
820407	1010		48478	5<W			1<W			5<W			233.0
820429	0950		48539	5<W			1<W			5<W			
	1145		48544			5<W			1<W			5<W	
820506	1050		48557	5<W			1<W			5<W			200.0
820622	1220		48617										222.0
820706	1315		48662	5<W			1<W			5<W			221.0
820809	1230		48715	5<W			1<W			5<W			253.0
820902	1155		48804	5<W			1<W			5<W			241.0
821005	1205		48845	5<W			1<W			5<W			241.0
821028	1310		48895		5<W			1<W			5<W		
821104	1135		48905	5<W			1<W			5<W			375.0
821209	1140		48969	5<W			1<W			5<W			255.0
			MAXIMUM	5	5	5	1	1	1	5	5	5	375.0
			ARITH MEAN	5<A	5<A	5<A	1<A	1<A	1<A	5<A	5<A	5<A	248
			GEOM MEAN	5<A			1<A			5<A			245
			MINIMUM	5	5	5	1	1	1	5	5	5	200.0
			STD DEV (GEOM *)	0<A			0<A			0<A			45
			# SAMP IN STATISTICS	11	1	1	11	1	1	11	1	1	11
			% SAMP (EXCLUDED)		50			50			50		

(C O N T D)

B.O.W./ SITE: WELLAND RIVER
 SAMPLE POINT: AT MONTROSE BRIDGE
 STATION TYPE: RIVER

STATION ID: 11-0001-003-83

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: WELLAND RIVER

STORET CODE: 02
 004
 5400

LAT: 43 02 48.29 LONG: 079 07 24.19

U T M: 17 0652850.0 4767500.0 4

REGION: 02

DISTANCE: 14.162

*INTERIM TEST-NAME:		RSP	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	X2HCB HCB NG/L	X2HCB HCB NG/G DRY	X2HCB HCB NG/G WET	ZNUT ZINC UNF.TOT. MG/L AS ZN
SAMPLE DATE YYMMDD	HOURL LMT	SAMPLE NUMBER	RESIDUE PARTIC. MG/L					
820104	1415	62000	106.0					
820107	1115	62002	111.0					
820204	1230	48361	5.8		1<W			0.007
820218	1030	48392	11.9					0.020
820221	1115	62011	10.3					
820223	1530	62013	12.0					
820228	1615	62017	16.4					
820301	1050	48411	5.300		1<W			0.009
820302	1515	62018	5.5					
820304	1115	62020	8.1					
820307	1215	62022	5.8					
820309	1600	62024	18.1					
820311	1115	48439	5.4					0.012U
	1515	62026	25.3					
820314	1245	62028	39.7					
820316	1445	62030	166.0					
820318	0925	48451	85.3					0.024U
	1115	62032	118.0					
	1515	82177				1<		
820321	1300	62034	59.9					
820323	1445	62036	40.7					
820325	0950	48471	29.4					0.011
	1130	62038	36.1					
820328	1400	62040	3.1					
820330	1600	62042	69.6					
820401	1020	48474	199.0					0.060U
820405	1515	62045	128.0					
820407	1010	48478	91.600		1<W			0.030U
820408	1100	62050	84.900					
820411	1030	62052	47.200					
820415	1105	48496	26.400					
	1400	62058	39.500					
820418	1430	62060	34.100					
820422	0955	48511	23.800					0.008
	1440	62063	15.700					
820425	1100	62065	6.120					
820429	0950	48539	3.460		1<W			0.005
	1145	48544					1<W	
	1345	62068	9.940					
820502	1115	62070	13.500					

(C O N T D)

B.O.W./ SITE: WELLAND RIVER
 SAMPLE POINT: NEW SYPHON AT PORT ROBINSON
 STATION TYPE: RIVER

STATION ID: 11-0001-005-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: WELLAND RIVER

STORET CODE: 02
 004
 5400

LAT: 43 01 46.96 LONG: 079 12 44.19 U T M: 17 0645650.0 4765450.0 4 REGION: 02 DISTANCE: 23.818

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	ALUT	BOD5	CLIDUR	COD	COND25	CUUT	DO	
				ALK	ALUMINUM	BOD	CHLORIDE	CHEM. OX	CONDUCT.	COPPER	DISOLVED	
SAMPLE		SAMPLE	PROJECT	TOTAL	UNF. TOT.	5 DAY	UNF. REAC	DEMAND	25C	UNF. TOT.	OXYGEN	
DATE	HOUR	DEPTH	SUB-PROJ	MG/L	MG/L	TOT. DEM.	MG/L	MG/L	UMHO/CM	MG/L	MG/L	
YYMMDD	LMT	NUMBER	CODE	AS CAC03	AS AL	AS O	AS CL	AS O	AT 25 C	AS CU	AS O	
820121	1310	48343	0.30	0101	101	1.200	1.6	21.50	14	340	0.005	12.00
820204	1220	48360	0.30	0101	101	0.200	1.4	23.00	24	330	0.004	13.20
820311	1110	48438	0.30	0101	110.0	0.340	0.70	29.50	24	422.0	0.008	9.80
820415	1050	48495	0.30	0101	93.6	2.200	1.2	20.00	15	350	0.004	11.80
820513	1050	48573	0.30	0101	89.2	0.071	1.10	18.60	2	298.0	0.010	13.00
820622	1205	48616	0.30	0101	96.9	0.630	1.37	19.80	14	309.0	0.008	13.00
820706	1255	48661	0.30	0101	99.7	0.750U	0.89	21.50	10	333.0	0.005U	11.00
820809	1215	48714	0.30	0101	96.7	0.410	0.75	19.30	6	305.0	0.011	5.80
820902	1140	48803	0.30	0101	99.4	0.320	0.86	19.00	6	308.0	0.004	7.70
821005	1145	48844	0.30	0101	108.6	0.420	1.89	23.30	17.4	378.0	0.007	7.50
821104	1115	48904	0.30	0101	98.0	0.790	2.41	31.00		469.0	0.012	9.60
821209	1125	48968	0.30	0101	97.7	5.000	1.55	18.90	32.8	358.0	0.007	9.30
MAXIMUM		0.30		110.0	5.000	2.41	31.00	32.8	469.0	0.012	13.20	
ARITH MEAN		0.30		99	1.028	1.3	22.12	15	350	0.007	10.31	
GEOM MEAN				99	0.575	1.2	21.81	12	347	0.007	10.02	
MINIMUM		0.30		89.2	0.071	0.70	18.60	2	298.0	0.004	5.80	
STD DEV (GEOM *)				6	1.375	0.5	4.12	9	51	0.003	2.43	
# SAMP IN STATISTICS		12		12	12	12	12	11	12	12	12	
% SAMP (EXCLUDED)												

*=INTERIM TEST-NAME:		FCMF	FEUT	FSMF	FWPH	FWSTRC	FWTEMP	NNHTFR	NNOTFR	NN02FR	NN03FR	
		FECAL	IRON	FECAL				NH3-N				
		COLIFORM	UNF. TOT.	STREPCUS				TOTAL	N02+N03N	N02-N	N03-N	
		MF	MG/L	MF				FIL. REAC	FIL. REAC	FIL. REAC	FIL. REAC	
SAMPLE		CNT	AS FE	CNT	PH	STREAM	WATER	MG/L	MG/L	MG/L	MG/L	
DATE	HOUR	/100ML		/100ML	FIELD	COND.	TEMP	AS N	AS N	AS N	AS N	
YYMMDD	LMT	NUMBER					DEG. C					
820121	1310	48343	3800	2.70	1420	7.00	4	2.0	0.026	1.050	0.062	0.990
820204	1220	48360	2500	0.73	2600	7.70	5	2.5	0.192	0.345	0.041	0.305
820311	1110	48438	3200	0.76	1400	6.85	3	4.5	0.002	2.650	0.053	2.600
820415	1050	48495	980	2.850	220	7.05	3	5.0	0.008	1.150	0.0090	1.140
820513	1050	48573	6500	0.325	2400	7.10	8	9.0	0.002<T	0.660	0.0020	0.660
820622	1205	48616	3100	0.890	440	8.00	8	15.5	0.004<T	0.685	0.0030	0.680
820706	1255	48661	820	1.235	100	7.85	8	20.0	0.002<T	0.680	0.0010<T	0.680
820809	1215	48714	2460	1.020	620	7.60	8	23.0	0.006	0.460	0.0010	0.460
820902	1140	48803	1760	0.750	140<=>	7.85	8 9	20.0	0.004<T	0.520	0.0015<T	0.518
821005	1145	48844	1000	0.755	280	7.35	8	18.5	0.004<T	0.525	0.0020	0.523
821104	1115	48904	3000>	1.400	2400	7.50	3 9	12.5	0.006	1.200	0.0040	1.200
821209	1125	48968	1420	4.950	900	7.90	3	5.0	0.008	1.350	0.0210	1.330

(C O N T D)

B.O.W./ SITE: WELLAND RIVER
 SAMPLE POINT: NEW SYPHON AT PORT ROBINSON
 STATION TYPE: RIVER

STATION ID: 11-0001-005-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: WELLAND RIVER

STORET CODE: 02
 004
 5400

LAT: 43 01 46.96 LONG: 079 12 44.19

U T M: 17 0645650.0 4765450.0 4

REGION: 02

DISTANCE: 23.818

*INTERIM TEST-NAME:		FECAL COLIFORM MF CNT /100ML	FEUT IRON UNF.TOT. MG/L AS FE	FECAL STREPCUS MF CNT /100ML	FMPH	FWSTRC	FWTEMP WATER TEMP DEG.C	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N
SAMPLE DATE YYMMDD	HOURLMT	SAMPLE NUMBER			PH FIELD	STREAM COND.					
		MAXIMUM	6500	4.950	2600	8.00	23.0	0.192	2.650	0.062	2.600
		ARITH MEAN	2504	1.53	1077	7.48	11.5	0.022<A	0.940	0.017 <A	0.924
		GEOM MEAN		1.16	656	7.47	8.6	0.007<A	0.800	0.006 <A	0.784
		MINIMUM	820	0.325	100	6.85	2.0	0.002	0.345	0.0010	0.305
		STD DEV (GEOM *)		1.33	3*	0.40	7.7	0.054<A	0.630	0.022 <A	0.619
		# SAMP IN STATISTICS	11	12	12	12	12	12	12	12	12
		% SAMP (EXCLUDED)	8								

*INTERIM TEST-NAME:		NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	PBUT LEAD UNF.TOT. MG/L AS PB	PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	PP04FR P04 FIL.REAC MG/L AS P	PPUT PHOSPHOR UNF.TOT. MG/L AS P	RSF RESIDUE FILTERED MG/L	RSP RESIDUE PARTIC. MG/L	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML
SAMPLE DATE YYMMDD	HOURLMT	SAMPLE NUMBER									
820121	1310	48343	0.68	0.009	7.76	1 <T	0.040	0.110	221	28.6	20000
820204	1220	48360	0.43	0.004	8.17	1 <T	0.006	0.038	215	5.6	8200
820311	1110	48438	0.23	0.005	8.21		0.085	0.170	245.0	8.200	16000
820415	1050	48495	0.78	0.003<	7.91	1.0<T	0.0400	0.132	228.0	26.100	5200
820513	1050	48573	0.56	0.003<	7.71	0.2<W	0.0410	0.086	194.0	6.200	22000
820622	1205	48616	0.53	0.003<	7.98	1.8	0.0460	0.073	201.0	17.000	22000<=>
820706	1255	48661	0.28	0.003<	8.17	0.2<T	0.0400	0.085	216.0	20.700	13000<=>
820809	1215	48714	0.43	0.003<	7.99	0.2<T	0.2100	0.285	198.0	16.200	46000
820902	1140	48803	0.54	0.006	8.29	0.6<T	0.0230	0.055	200.0	15.900	89000<=>
821005	1145	48844	0.47	0.004	8.07	0.2<T	0.2350	0.360	246.0	14.200	19000
821104	1115	48904	0.660	0.011	7.97	0.6<T	0.084	0.084	357.0	32.800	105000
821209	1125	48968	0.825	0.003<	7.92	0.4<T	0.1650	0.215	233.0	47.600	8900<=>
		MAXIMUM	0.825	0.011	8.29	1.8	0.2350	0.360	357.0	47.600	105000
		ARITH MEAN	0.53	0.006	8.01	1 <A	0.085	0.141	229	19.9	31192
		GEOM MEAN	0.50		8.01	0 <A	0.056	0.115	226	16.6	20714
		MINIMUM	0.23	0.004	7.71	0.2	0.006	0.038	194.0	5.6	5200
		STD DEV (GEOM *)	0.18		0.18	1 <A	0.076	0.099	44	12.2	2*
		# SAMP IN STATISTICS	12	6	12	11	12	12	12	12	12
		% SAMP (EXCLUDED)		50							

(C O N T D)

B.O.W./ SITE: WELLAND RIVER
SAMPLE POINT: NEW SYPHON AT PORT ROBINSON
STATION TYPE: RIVER

STATION ID: 11-0001-005-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: WELLAND RIVER

STORET CODE: 02
004
5400

LAT: 43 01 46.96 LONG: 079 12 44.19

U T M: 17 0645650.0 4765450.0 4

REGION: 02

DISTANCE: 23.818

*=INTERIM TEST-NAME:		TURB	ZNUT
			ZINC
SAMPLE			UNF.TOT.
DATE	HOURL	SAMPLE	TURB'ITY
YYMMDD	LNT	NUMBER	FTU
			MG/L
			AS ZN
820121	1310	48343	50.00
820204	1220	48360	7.30
820311	1110	48438	8.30
820415	1050	48495	49.00
820513	1050	48573	7.30
820622	1205	48616	16.80
820706	1255	48661	25.00
820809	1215	48714	19.90
820902	1140	48803	12.80
821005	1145	48844	14.20
821104	1115	48904	26.00
821209	1125	48968	85.00
MAXIMUM		85.00	0.015
ARITH MEAN		26.80	0.009
GEOM MEAN		19.80	0.008
MINIMUM		7.30	0.003
STD DEV (GEOM *)		23.41	0.003
# SAMP IN STATISTICS		12	12
% SAMP (EXCLUDED)			

B.O.W./ SITE: WELLAND RIVER
 SAMPLE POINT: AT BRIDGE SOUTH OF WELLAND AIRPORT
 STATION TYPE: RIVER

STATION ID: 11-0001-007-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: WELLAND RIVER

STORET CODE: 02
 004
 5400

LAT: 42 58 18.79 LONG: 079 19 05.45

U T M: 17 0637150.0 4758850.0 4

REGION: 02

DISTANCE: 36.853

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	CAUR	CLIDUR	DO	FCMF FECAL COLIFORM	FSMF FECAL STREPCUS	FWPH	FWSTRC	
SAMPLE DATE	HOUR YYMMDD LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CAC03	CALCIUM UNF.REAC MG/L AS CA	CHLORIDE UNF.REAC MG/L AS CL	DISOLVED OXYGEN MG/L AS O	CNT /100ML	CNT /100ML	PH FIELD	STREAM COND.
820121	1205	48341	0.30	0101	73	35.0	16.50	13.20			6.40	4
820204	1140	48358	0.30	0101	112	52.0	25.00	4.80			7.35	4
820311	1025	48436	0.30	0101	102.0	36.0	18.50	1.80			6.70	4
820415	0955	48493	0.30	0101	79.3	37.8	18.00	9.80			6.95	3
820513	1005	48571	0.30	0101	109.3	50.4	23.00	10.20			7.80	8
820622	1105	48614	0.30	0101	89.3	46.6	22.00	10.40			7.65	8
820706	1205	48659	0.30	0101	108.9	50.1	28.00	9.0			8.20	8
820809	1115	48712	0.30	0101	122.3	50.1	26.80	5.70			7.50	3
820902	1045	48801	0.30	0101	131.5	49.2	28.30	8.00			7.90	3
821005	1055	48842	0.30	0101	146.1	64.0	36.50	7.80			7.50	3
821104	1025	48902	0.30	0101	119.7	68.1	46.40	7.10	1180	3000>	7.30	3
821209	1020	48966	0.30	0101	80.6	42.6	17.20	8.90	580	1520	7.75	3
MAXIMUM		0.30			146.1	68.1	46.40	13.20	1180	1520	8.20	
ARITH MEAN		0.30			106	48.5	25.52	8.1	880	1520	7.42	
GEOM MEAN					104	47.5	24.33	7.3	827		7.40	
MINIMUM		0.30			73	35.0	16.50	1.80	580	1520	6.40	
STD DEV (GEOM *)					22	10.2	8.78	3.0	2*		0.52	
# SAMP IN STATISTICS		12			12	12	12	12	2	1	12	
% SAMP (EXCLUDED)										50		

*=INTERIM TEST-NAME:		FWTEMP	HARDT	KKUR	MGUR	NAUR	NNHTFR NH3-N	NNOTFR	NN02FR	NN03FR	NNTKUR K'DAHL N
SAMPLE DATE	HOUR YYMMDD LMT	WATER TEMP DEG.C	HARDNESS TOTAL MG/L AS CAC03	POTASSIM UNF.REAC MG/L AS K	MAGNESIM FIL.REAC MG/L AS MG	SODIUM UNF.REAC MG/L AS NA	TOTAL FIL.REAC MG/L AS N	N02+N03N MG/L AS N	N02-N MG/L AS N	N03-N MG/L AS N	TOTAL FIL.TOT. MG/L AS N
820121	1205	48341	2.0	137	7.30	12.00	8.7	0.168	2.550	0.078	1.40
820204	1140	48358	1.5	200	7.40	17.00	15.0	0.254	2.400	0.086	1.50
820311	1025	48436	3.5	125.0	1.40	8.50	10.4	0.014	0.240	0.002	0.24
820415	0955	48493	7.5	144.0	5.25	12.10	10.4	0.008	1.850	0.0130	1.25
820513	1005	48571	18.5	187.0	5.00	14.80	13.60	0.008	0.690	0.0080	1.20
820622	1105	48614	19.0	178.0	6.16	14.90	12.10	0.008	5.500	0.0170	1.78
820706	1205	48659	25.0	181.0	5.54	13.60	16.50	0.008	1.950	0.0130	1.23
820809	1115	48712	24.0	181.0	4.58	13.60	15.90	0.006	0.735	0.0100	0.75
820902	1045	48801	20.0	182.0	4.72	14.40		0.006	0.340	0.0060	0.87
821005	1055	48842	16.5	232.0	6.12	17.50	19.80	0.004<T	0.665	0.0035	0.90
821104	1025	48902	12.0	249.0	8.40	19.10	21.40	0.008	2.600	0.0290	1.050
821209	1020	48966	3.5	163.0	11.40	13.70	9.70	0.020	1.850	0.0650	1.700

(C O N T D)

B.O.W./ SITE: WELLAND RIVER
SAMPLE POINT: AT BRIDGE SOUTH OF WELLAND AIRPORT
STATION TYPE: RIVER

STATION ID: 11-0001-007-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: WELLAND RIVER

STORET CODE: 02
004
5400

LAT: 42 58 18.79 LONG: 079 19 05.45

U T M: 17 0637150.0 4758850.0 4

REGION: 02

DISTANCE: 36.853

[illegible][illegible]

B.O.W./ SITE: WELLAND RIVER
 SAMPLE POINT: AT SINCLAIRVILLE BRIDGE
 STATION TYPE: RIVER

STATION ID: 11-0001-008-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: WELLAND RIVER

STORET CODE: 02
 004
 5400

LAT: 43 03 27.94 LONG: 079 46 06.02 U T M: 17 0600300.0 4767750.0 4 REGION: 02 DISTANCE: 101.225

*INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	BOD5	CAUR	CDUT	CLIDUR	COD	COND25	CRUT
				ALK	BOD	CALCIUM	CADMIUM	CHLORIDE	CHEM. OX	CONDUCT.	CHROMIUM
				TOTAL	5 DAY	UNF.REAC	UNF.TOT.	UNF.REAC	DEMAND	25C	UNF.TOT.
SAMPLE		SAMPLE	PROJECT	MG/L	TOT.DEM.	MG/L	MG/L	MG/L	MG/L	UMHO/CM	MG/L
DATE		DEPTH	SUB-PROJ	AS CAC03	AS O	AS CA	AS CD	AS CL	AS O	AT 25 C	AS CR
YYMMDD	HOUR	NUMBER	CODE								
820121	1045	48339	0101	154		67.0	0.0004	35.00	27	570	0.004
820311	0910	48434	0101	244	1.20	110.0	0.0003	90.00		990	0.001<
820415	0850	48491	0101	92.9	1.4	46.0	0.0002<	29.50	17	463	0.006
820513	0925	48570	0101	171.4	1.13	154.0	0.0004	100.00	29	1260.0	0.010
820622	0905	48612	0101	102.3	1.91	53.6	0.0007	34.60	46	518.0	0.200
820706	1035	48657	0101	143.2	1.06	64.8	0.0005	39.80	32	565.0	
820809	1000	48710	0101	146.3	1.19	78.7	0.0002<	62.50	20	690.0	0.001<
820902	0930	48799	0101	147.4	2.15	73.7	0.0002	53.00	24	687.0	0.004
821005	0935	48840	0101	135.2	1.62	89.4	0.0002	55.00	28.4	766.0	0.006
821104	0915	48900	0101	84.2	2.86	51.1	0.0006	39.60	47.9	502.0	0.014
821209	0855	48964	0101	110.7	1.17	57.6	0.0002	29.70	25.9	508.0	0.005
MAXIMUM		0.30		244	2.86	154.0	0.0007	100.00	47.9	1260.0	0.200
ARITH MEAN		0.30		139	1.6	76.9	0.0004	51.70	30	684	0.031
GEOM MEAN				133	1.5	72.2		47.44	28	651	
MINIMUM		0.30		84.2	1.06	46.0	0.0002	29.50	17	463	0.004
STD DEV (GEOM %)				44	0.6	31.6		24.01	10	245	
# SAMP IN STATISTICS		11		11	10	11	9	11	10	11	8
% SAMP (EXCLUDED)							18				20

*INTERIM TEST-NAME:		CUUT	DO	DOC	FCMF	FSMF	FVPH	FWSTRC	FWTEMP	HARDT	MGUR	
		COPPER	DISOLVED	DISOLVED	FECAL	FECAL				HARDNESS	MAGNESIM	
		UNF.TOT.	OXYGEN	CARBON	COLIFORM	STREPCUS			WATER	TOTAL	FIL.REAC	
SAMPLE		MG/L	MG/L	ORGANIC	MF	MF			TEMP	MG/L	MG/L	
DATE		AS CU	AS O	AS C	CNT	CNT	PH	STREAM	DEG.C	AS CAC03	AS MG	
YYMMDD	HOUR	NUMBER			/100ML	/100ML	FIELD	COND.				
820121	1045	48339	0.008	10.50	7.2	10<	10<	7.10	4	3.0	233	16.00
820311	0910	48434	0.001	7.30	5.7	70<=>	170	6.50	4	3.0	386	27.00
820415	0850	48491	0.007	10.80	5.7	20<=>	580	7.10	3	5.0	176.0	14.80
820513	0925	48570	0.014	7.00	6.2	820	270	7.30	8	18.0	564.0	43.70
820622	0905	48612	0.018	10.60	8.4	3100	7400	7.50	3	15.0	201.0	16.30
820706	1035	48657		9.40	6.8	80<=>		8.00	8	22.0	225.0	15.30
820809	1000	48710	0.004	5.80	5.6	260	240	7.30	3	22.0	273.0	18.60
820902	0930	48799	0.025	6.30	5.2	380	680	7.55	3	18.0	263.0	19.20
821005	0935	48840	0.013	6.60	6.1	360	380	7.65	3	13.0	320.0	23.50
821104	0915	48900	0.024	6.30	9.4	3000>	3000>	7.10	3 9	11.0	198.0	17.00
821209	0855	48964	0.010	10.70	6.9	180<=>	320	7.90	3	2.0	211.0	16.20

(C O N T D)

B.O.W./ SITE: WELLAND RIVER
 SAMPLE POINT: AT SINCLAIRVILLE BRIDGE
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: WELLAND RIVER

STATION ID: 11-0001-008-02

STORET CODE: 02
 004
 5400

LAT: 43 03 27.94 LONG: 079 46 06.02 U T M: 17 0600300.0 4767750.0 4 REGION: 02 DISTANCE: 101.225

*=INTERIM TEST-NAME:		CUUT	DO	DOC CARBON	FCMF FECAL	FSMF FECAL	FWPH	FWSTRC	FWTEMP	HARDT	MGUR
		COPPER UNF.TOT.	DISOLVED OXYGEN	DISOLVED ORGANIC	COLIFORM MF	STREPCUS MF			WATER TEMP	HARDNESS TOTAL	MAGNESIM FIL.REAC
SAMPLE DATE	HOUR	MG/L	MG/L	MG/L	CNT	CNT	PH	STREAM	DEG.C	MG/L	MG/L
YYMMDD	LMT	AS CU	AS O	AS C	/100ML	/100ML	FIELD	COND.		AS CACO3	AS MG
		MAXIMUM	0.025	10.80	9.4	3100	7400	8.00	22.0	564.0	43.70
		ARITH MEAN	0.012	8.30	6.7	586	1255	7.36	12.0	277	20.69
		GEOM MEAN	0.009	8.06	6.6			7.35	9.0	261	19.57
		MINIMUM	0.001	5.80	5.2	20	170	6.50	2.0	176.0	14.80
		STD DEV (GEOM *)	0.008	2.08	1.3			0.42	7.7	113	8.50
		# SAMP IN STATISTICS	10	11	11	9	8	11	11	11	11
		% SAMP (EXCLUDED)				18	20				

*=INTERIM TEST-NAME:		NIUT	NNHTR NH3-N	NNOTFR	NNO2FR	NNO3FR	NNTKUR K'DAHL N	PBUT	PH	PHNOL	PP04FR
		NICKEL UNF.TOT.	TOTAL FIL.REAC	NO2+NO3N FIL.REAC	NO2-N FIL.REAC	NO3-N FIL.REAC	TOTAL FIL.TOT.	LEAD UNF.TOT.		PHENOLS UNF-REAC	P04 FIL.REAC
SAMPLE DATE	HOUR	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	PH	UG/L	MG/L
YYMMDD	LMT	AS NI	AS N	AS N	AS N	AS N	AS N	AS PB		PHENOL	AS P
820121	1045	48339	0.004	0.126	0.725	0.028	0.695	0.82	0.009	7.88	0.015
820311	0910	48434	0.001	0.320	3.550			0.85	0.005	8.30	0.0480
820415	0850	48491	0.004	0.010	1.650	0.0110	1.640	0.85	0.003<	7.65	1.0<T 0.0360
820513	0925	48570	0.006	0.006<T	0.250	0.0030	0.245	0.78	0.003<	7.80	0.2<W 0.0370
820622	0905	48612	0.110	0.016	3.950	0.0350	3.915	1.65	0.003<	7.72	2.2 0.0940
820706	1035	48657	0.009	0.006	0.720	0.0040	0.715	0.95		7.61	0.2<T 0.0395
820809	1000	48710	0.003	0.006	0.300	0.0070	0.295	0.68	0.003<	7.90	0.2<T 0.0390
820902	0930	48799	0.004	0.010	0.235	0.0040	0.228	0.85	0.003	8.16	0.4<T 0.0500
821005	0935	48840	0.004	0.006	1.050	0.0035	1.050	0.75	0.003	7.95	0.2<W 0.0310
821104	0915	48900	0.007	0.006	3.550	0.0330	3.520	1.250	0.010	8.00	0.6<T 0.1150
821209	0855	48964	0.004	0.008	1.450	0.0210	1.430	0.800	0.007	7.66	0.6<T 0.0450
		MAXIMUM	0.110	0.320	3.950	0.0350	3.915	1.65	0.010	8.30	2.2 0.1150
		ARITH MEAN	0.014	0.047<A	1.585	0.015	1.373	0.93	0.006	7.88	0.6<A 0.050
		GEOM MEAN	0.005	0.014<A	1.013	0.010	0.880	0.90		7.87	0.4<A 0.044
		MINIMUM	0.001	0.006	0.235	0.0030	0.228	0.68	0.003	7.61	0.2 0.015
		STD DEV (GEOM *)	0.032	0.097<A	1.427	0.013	1.329	0.28		0.22	0.7<A 0.029
		# SAMP IN STATISTICS	11	11	11	10	10	11	6	11	9 11
		% SAMP (EXCLUDED)						40			

(C O N T D)

B.O.W./ SITE: WELLAND RIVER
 SAMPLE POINT: AT SINCLAIRVILLE BRIDGE
 STATION TYPE: RIVER

STATION ID: 11-0001-008-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: WELLAND RIVER

STORET CODE: 02
 004
 5400

LAT: 43 03 27.94 LONG: 079 46 06.02

U T M: 17 0600300.0 4767750.0 4

REGION: 02

DISTANCE: 101.225

*=INTERIM TEST-NAME:		PPUT PHOSPHOR UNF.TOT. MG/L AS P	P1ALDR ALDRIN NG/L	P1BHCA BHC ALPHA NG/L	P1BHCB BHC BETA NG/L	P1BHCG BHC GAMMA NG/L	P1CHLA CHLRDANE ALPHA NG/L	P1CHLG CHLRDANE GAMMA NG/L	P1DIEL DIELDRIN NG/L	P1DMDT DMDT MTHXYLLR NG/L	P1ENDR ENDRIN NG/L	
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER										
820121	1045	48339	0.058	1<W	15	7	2	2<W	2<W	2<W	5<W	4<W
820311	0910	48434	0.085	1<W	1<W	1<W	1<W	2<W	2<W	2<W	5<W	4<W
820415	0850	48491	0.205	1<W	1<W	1<W	1<W	2<W	2<W	2<W	5<W	4<W
820513	0925	48570	0.163	1<W	1<W	1<W	1<W	2<W	2<W	2<W	5<W	4<W
820622	0905	48612	0.460	1<W	6	1<W	3	2<W	2<W	2<W	5<W	4<W
820706	1035	48657	0.263	1<W	4	1<W	1<W	2<W	2<W	2<W	5<W	4<W
820809	1000	48710	0.150	1<W	4	1<W	1<W	2<W	2<W	2<W	5<W	4<W
820902	0930	48799	0.195	1<W	6	1<W	1<W	2<W	2<W	2<W	5<W	4<W
821005	0935	48840	0.120	1<W	4	1<W	1<W	2<W	2<W	2<W	5<W	4<W
821104	0915	48900	0.500	1<W	5	1<W	1<W	2<W	2<W	2<W	5<W	4<W
821209	0855	48964	0.137	1<W	4	1<W	4	2<W	2<W	2<W	5<W	4<W
		MAXIMUM	0.500	1	15	7	4	2	2	2	5	4
		ARITH MEAN	0.212	1<A	5<A	2<A	2<A	2<A	2<A	2<A	5<A	4<A
		GEOM MEAN	0.175	1<A	3<A	1<A	1<A	2<A	2<A	2<A	5<A	4<A
		MINIMUM	0.058	1	1	1	1	2	2	2	5	4
		STD DEV (GEOM *)	0.144	0<A	4<A	2<A	1<A	0<A	0<A	0<A	0<A	0<A
		# SAMP IN STATISTICS	11	11	11	11	11	11	11	11	11	11
		% SAMP (EXCLUDED)										

*=INTERIM TEST-NAME:		P1ENDS ENDOSULP SULPHATE NG/L	P1END1 ENDOSULP I NG/L	P1END2 ENDOSULP II NG/L	P1HEPE HEPE NG/L	P1HEPT HEPACHOR NG/L	P1MIRX MIREX NG/L	P1OCHL OXCHLANE NG/L	P1OPDT OP-DDT NG/L	P1PCBT PCB TOTAL NG/L	P1PPDD PP-DDD NG/L	
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER										
820121	1045	48339	4<W	2<W	4<W	1<W	1<W	5<W	2<W	5<W	20<W	5<W
820311	0910	48434	4<W	2<W	4<W	1<W	1<W	5<W	2<W	5<W	20<W	5<W
820415	0850	48491	4<W	2<W	4<W	1<W	1<W	5<W	2<W	5<W	20<W	5<W
820513	0925	48570	4<W	2<W	4<W	1<W	1<W	5<W	2<W	5<W	20<W	5<W
820622	0905	48612	4<W	2<W	4<W	1<W	1<W	5<W	2<W	5<W	20<W	5<W
820706	1035	48657	4<W	2<W	4<W	1<W	1<W	5<W	2<W	5<W	20<W	5<W
820809	1000	48710	4<W	2<W	4<W	1<W	1<W	5<W	2<W	5<W	20<W	5<W
820902	0930	48799	4<W	2<W	4<W	1<W	1<W	5<W	2<W	5<W	20<W	5<W
821005	0935	48840	4<W	2<W	4<W	1<W	1<W	5<W	2<W	5<W	20<W	5<W
821104	0915	48900	4<W	2<W	4<W	1<W	1<W	5<W	2<W	5<W	20<W	5<W
821209	0855	48964	4<W	2<W	4<W	1<W	1<W	5<W	2<W	5<W	20<W	5<W

(C O N T D)

STATION ID: 11-0001-008-02

STORET CODE: 02
004
5400

[illegible][illegible]

B.O.W./ SITE: WELLAND RIVER
 SAMPLE POINT: LOT 25 CONC.7 FORMER TWP.OF BINBROOK
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: WELLAND RIVER

STATION ID: 11-0001-009-02

STORET CODE: 02
 004
 5400

LAT: 43 05 33.92 LONG: 079 47 56.29

U T M: 17 0597750.0 4771600.0 0

REGION: 02

DISTANCE: 112.490

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	BOD5	CAUR	CDUT	CLIDUR	COD	COND25	CRUT
				ALK	5 DAY	CALCIUM	CADMIUM	CHLORIDE	CHEM. OX	CONDUCT.	CHROMIUM
				TOTAL	TOT.DEM.	UNF.REAC	UNF.TOT.	UNF.REAC	DEMAND	25C	UNF.TOT.
				MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UMHO/CM	MG/L
				AS CAC03	AS O	AS CA	AS CD	AS CL	AS O	AT 25 C	AS CR
SAMPLE DATE	YMHMD LMT	SAMPLE NUMBER	DEPTH M	PROJECT SUB-PROJ CODE							
820121	1020	48338	0.30	0101	155			31.00	27	520	0.003
820204	0910	48355	0.30	0101	230	60.0	0.0008	69.00	6	990	0.008
820311	0900	48433	0.30	0101	197.0	114.0	0.0001<	181.00	28	1590.0	0.001
820415	0830	48490	0.30	0101	93.1	143.0	0.0003	31.50	17	410	0.010
820513	0910	48569	0.30	0101	208.5	40.4	0.0002<	55.00	19	894.0	0.005
820622	0845	48611	0.30	0101	108.7	1.86	0.0004	32.40	22	405.0	0.006
820706	1020	48656	0.30	0101	139.2	0.94	0.0002<	34.80	22	493.0	
820809	0955	48709	0.30	0101	147.5	58.0	0.0004	35.60	22	490.0	0.005
820902	0910	48798	0.30	0101	142.9	3.62	0.0003	36.90	24	484.0	0.012
821005	0920	48839	0.30	0101	126.2	2.06	0.0002<	34.80	21.4	442.0	0.004
821104	0855	48899	0.30	0101	92.9	3.08	0.0006	35.40	44.0	566.0	0.012
821209	0840	48963	0.30	0101	131.6	1.76	0.0002<	35.30	17.9	506.0	0.008
MAXIMUM					230	3.62	0.0008	181.00	44.0	1590.0	0.012
ARITH MEAN					148	1.7	0.0004	51.06	23	649	0.007
GEOM MEAN					142	1.4		43.28	21	591	0.006
MINIMUM					92.9	0.4	0.0002	31.00	6	405.0	0.001
STD DEV (GEOM *)					44	1.0		42.44	9	349	0.004
# SAMP IN STATISTICS					12	10	7	12	12	12	11
% SAMP (EXCLUDED)							41				

*=INTERIM TEST-NAME:		CUUT	DO	DOC	FCMF	FSMF	FwPH	FWSTRC	FWTEMP	HARDT	MGUR	
		COPPER	DISOLVED	CARBON	FECAL	FECAL				HARDNESS	MAGNESIM	
		UNF.TOT.	OXYGEN	DISOLVED	COLIFORM	STREPCUS				TOTAL	FIL.REAC	
		MG/L	MG/L	ORGANIC	MF	MF				MG/L	MG/L	
		AS CU	AS O	AS C	CNT	CNT	PH	STREAM	WATER	AS CAC03	AS MG	
SAMPLE DATE	YMHMD LMT	SAMPLE NUMBER			/100ML	/100ML	FIELD	COND.	TEMP			
									DEG.C			
820121	1020	48338	0.005	12.30	7.1	10<	30<=>	7.15	4	1.5	210	14.50
820204	0910	48355	0.010	5.90	5.9	10<=>	40<=>	7.30	4	2.0	416	32.00
820311	0900	48433	0.001	8.50	2.5	70<=>	50<=>	6.55	4	3.0	540.0	44.50
820415	0830	48490	0.005	11.50	4.7	50<=>	110	6.80	3	4.0	147.0	11.10
820513	0910	48569	0.011	6.60	5.8	20<=>	10<=>	7.10	8	19.0	415.0	31.60
820622	0845	48611	0.008	11.80	5.3	760	900	7.70	3	15.5	152.0	10.10
820706	1020	48656		7.40	5.3	40<=>	60<=>	7.35	8	20.0	190.0	11.80
820809	0955	48709	0.008	4.30	5.5	20<	280	7.40	3	21.0	201.0	13.60
820902	0910	48798	0.009	4.80	5.4	120<=>	540	7.05	3	18.0	180.0	12.40
821005	0920	48839	0.012	7.30	5.3	680	1860	7.60	3	14.5	170.0	11.60
821104	0855	48899	0.026	8.60	9.2	3000>	3000>	7.30	3 9	11.0	214.0	18.60
821209	0840	48963	0.010	10.00	5.7	60<=>	80<=>	8.00	3	3.0	203.0	13.50

(C O N T D)

B.O.W./ SITE: WELLAND RIVER
 SAMPLE POINT: LOT 25 CONC.7 FORMER TWP.OF BINBROOK
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: WELLAND RIVER

STATION ID: 11-0001-009-02

STORET CODE: 02
 004
 5400

LAT: 43 05 33.92 LONG: 079 47 56.29

U T M: 17 0597750.0 4771600.0 0

REGION: 02

DISTANCE: 112.490

*INTERIM TEST-NAME:		CUUT	DO	DOC CARBON	FCMF FECAL COLIFORM	FSMF FECAL STREPCUS	FWPH	FWSTRC	FWTEMP	HARDT	MGUR
		COPPER UNF.TOT.	DISOLVED OXYGEN	DISOLVED ORGANIC	MF	MF			WATER TEMP	HARDNESS TOTAL	MAGNESIM FIL.REAC
SAMPLE DATE	HOUR	MG/L	MG/L	MG/L	CNT	CNT	PH	STREAM COND.	DEG.C	AS CAC03	AS MG
YYMMDD	LMT	NUMBER	AS CU	AS O	/100ML	/100ML	FIELD				
		MAXIMUM	0.026	12.30	9.2	760	1860	8.00	21.0	540.0	44.50
		ARITH MEAN	0.010	8.25	5.6	201	360	7.27	11.0	253	18.77
		GEOM MEAN	0.008	7.83	5.4			7.27	7.6	230	16.56
		MINIMUM	0.001	4.30	2.5	10	10	6.55	1.5	147.0	10.10
		STD DEV (GEOM *)	0.006	2.70	1.5			0.39	7.8	128	11.07
		# SAMP IN STATISTICS	11	12	12	9	11	12	12	12	12
		% SAMP (EXCLUDED)				25	8				

*INTERIM TEST-NAME:		NIUT	NNHTFR NH3-N	NNOTFR	NNO2FR	NNO3FR	NNTKUR K'DAHL N	PBUT	PH	PHNOL	PP04FR	
		NICKEL UNF.TOT.	TOTAL	NO2+NO3N	NO2-N	NO3-N	TOTAL	LEAD		PHENOLS	P04	
SAMPLE DATE	HOUR	MG/L	FIL.REAC	FIL.REAC	FIL.REAC	FIL.REAC	FIL.TOT.	UNF.TOT.		UNF-REAC	FIL.REAC	
YYMMDD	LMT	NUMBER	AS NI	AS N	AS N	AS N	AS N	AS PB	PH	UG/L	MG/L	
			AS NI	AS N	AS N	AS N	AS N	AS PB		PHENOL	AS P	
820121	1020	48338	0.003	0.152	0.715	0.022	0.695	0.80	0.008	7.97	1 <T	0.012
820204	0910	48355	0.004	0.306	0.490	0.084	0.405	0.78	0.006	8.01	1 <T	0.026
820311	0900	48433	0.001	0.058	1.300	0.003	1.450	0.68	0.003<	8.21	1 <T	0.017
820415	0830	48490	0.006	0.004<T	1.650	0.0080	1.640	0.88	0.003<	7.87	1.0<T	0.0370
820513	0910	48569	0.002	0.002<T	0.495	0.0020	0.495	0.70	0.067	7.95	0.2<W	0.0670
820622	0845	48611	0.002	0.004<T	1.300	0.0040	1.295	0.70	0.003<	7.86	2.6	0.0230
820706	1020	48656	0.006	0.006	0.860	0.0030	0.855	0.75		7.81	0.2<T	0.0285
820809	0955	48709	0.003	0.004	0.590	0.0030	0.585	0.68	0.003<	7.78	0.6<T	0.0370
820902	0910	48798	0.006	0.008	0.490	0.0040	0.486	0.90	0.008	7.77	0.2<T	0.0640
821005	0920	48839	0.002	0.006	0.265	0.0030	0.262	0.65	0.008	7.83	0.2<W	0.0395
821104	0855	48899	0.006	0.008	24.250	0.0170	24.200	1.270	0.018	7.43	0.8	0.1900
821209	0840	48963	0.003	0.006	0.900	0.0030	0.897	0.575	0.006	8.24	0.8	0.0210
		MAXIMUM	0.006	0.306	24.250	0.084	24.200	1.270	0.067	8.24	2.6	0.1900
		ARITH MEAN	0.004	0.047<A	2.775	0.013	2.772	0.78	0.017	7.89	1 <A	0.047
		GEOM MEAN	0.003	0.011<A	0.970	0.006	0.957	0.76		7.89	1 <A	0.035
		MINIMUM	0.001	0.002	0.265	0.0020	0.262	0.575	0.006	7.43	0.2	0.012
		STD DEV (GEOM *)	0.002	0.092<A	6.775	0.023	6.762	0.18		0.21	1 <A	0.048
		# SAMP IN STATISTICS	12	12	12	12	12	12	7	12	12	12
		% SAMP (EXCLUDED)						36				

(CONT'D)

B.O.W./ SITE: WELLAND RIVER

SAMPLE POINT: LOT 25 CONC.7 FORMER TWP.OF BINBROOK

STATION TYPE: RIVER

STATION ID: 11-0001-009-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: WELLAND RIVER

STORET CODE: 02
 004
 5400

LAT: 43 05 33.92 LONG: 079 47 56.29

U T M: 17 0597750.0 4771600.0 0

REGION: 02

DISTANCE: 112.490

*=INTERIM		TEST-NAME:	PPUT	PIALDR	P1BHCA	P1BHCB	P1BHCG	P1CHLA	P1CHLG	P1DIEL	P1DMDT	P1ENDR
			PHOSPHOR									
SAMPLE			UNF. TOT.		BHC	BHC	BHC	CHLRDANE	CHLRDANE		DMDT	
DATE	HOURL	SAMPLE	MG/L	ALDRIN	ALPHA	BETA	GAMMA	ALPHA	GAMMA	DIELDRIN	MTHXYLLR	ENDRIN
YYMMDD	LMT	NUMBER	AS P	NG/L	NG/L	NG/L	NG/L	NG/L	NG/L	NG/L	NG/L	NG/L
820121	1020	48338	0.055	1<W	10	4	1	2<W	2<W	2<W	5<W	4<W
820204	0910	48355	0.076	1<W	2	1<W	1<W	2<W	2<W	2<W	5<W	4<W
820311	0900	48433	0.055	1<W	3	1	1	2<W	2<W	2<W	5<W	4<W
820415	0830	48490	0.112	1<W	8	4	2	2<W	2<W	2<W	5<W	4<W
820513	0910	48569	0.230	1<W	1<W	1<W	1<W	2<W	2<W	2<W	5<W	4<W
820622	0845	48611	0.083	1<W	3	1<W	1	2<W	2<W	2<W	5<W	4<W
820706	1020	48656	0.170	1<W	5	1<W	1<W	2<W	2<W	2<W	5<W	4<W
820809	0955	48709	0.150	1<W	4	1<W	1<W	2<W	2<W	2<W	5<W	4<W
820902	0910	48798	0.220	1<W	6	1<W	11	2<W	2<W	2<W	5<W	4<W
821005	0920	48839	0.125	1<W	4	1<W	1<W	2<W	2<W	2<W	5<W	4<W
821104	0855	48899	0.525	1<W	4	1<W	1<W	2<W	2<W	2<W	5<W	4<W
821209	0840	48963	0.070	1<W	5	1<W	1	2<W	2<W	2<W	5<W	4<W
MAXIMUM			0.525	1	10	4	11	2	2	2	5	4
ARITH MEAN			0.156	1<A	5<A	1<A	2<A	2<A	2<A	2<A	5<A	4<A
GEOM MEAN			0.124	1<A	4<A	1<A	1<A	2<A	2<A	2<A	5<A	4<A
MINIMUM			0.055	1	1	1	1	2	2	2	5	4
STD DEV (GEOM *)			0.131	0<A	3<A	1<A	3<A	0<A	0<A	0<A	0<A	0<A
# SAMP IN STATISTICS			12	12	12	12	12	12	12	12	12	12
% SAMP (EXCLUDED)												

*=INTERIM		TEST-NAME:	P1ENDS	P1END1	P1END2	P1HEPE	P1HEPT	P1MIRX	P1OCHL	P1OPDT	P1PCBT	P1PPDD
SAMPLE			ENDOSULP	ENDOSULP	ENDOSULP						PCB	
DATE	HR	SAMPLE	SULPHATE	I	II	HEPE	HEPACHOR	MIREX	OXCHLANE	OP-DDT	TOTAL	PP-DDD
YYMMDD	LMT	NUMBER	NG/L	NG/L	NG/L	NG/L	NG/L	NG/L	NG/L	NG/L	NG/L	NG/L
820121	1020	48338	4<W	2<W	4<W	1<W	1<W	5<W	2<W	5<W	20<W	5<W
820204	0910	48355	4<W	2<W	4<W	1<W	1<W	5<W	2<W	5<W	20<W	5<W
820311	0900	48433	4<W	2<W	4<W	1<W	1<W	5<W	2<W	5<W	20<W	5<W
820415	0830	48490	4<W	2<W	4<W	1<W	1<W	5<W	2<W	5<W	20<W	5<W
820513	0910	48569	4<W	2<W	4<W	1<W	1<W	5<W	2<W	5<W	60	5<W
820622	0845	48611	4<W	2<W	4<W	1<W	1<W	5<W	2<W	5<W	20<W	5<W
820706	1020	48656	4<W	2<W	4<W	1<W	1<W	5<W	2<W	5<W	20<W	5<W
820809	0955	48709	4<W	2<W	4<W	1<W	1<W	5<W	2<W	5<W	20<W	5<W
820902	0910	48798	4<W	2<W	4<W	1<W	1<W	5<W	2<W	5<W	20<W	5<W
821005	0920	48839	4<W	2<W	4<W	1<W	1<W	5<W	2<W	5<W	20<W	5<W
821104	0855	48899	4<W	2<W	4<W	1<W	1<W	5<W	2<W	5<W	20<W	5<W
821209	0840	48963	4<W	2<W	4<W	1<W	1<W	5<W	2<W	5<W	20<W	5<W

(C O N T D)

STORET CODE: 02
004
5400

DISTANCE: 112.490

[illegible]

B.O.W./ SITE: BIG CREEK
 SAMPLE POINT: AT WESTERN AVE.DELHI
 STATION TYPE: RIVER

STATION ID: 16-0124-002-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: BIG CREEK

STORET CODE: 02
 003
 1090

LAT: 42 51 14.19 LONG: 080 30 13.30

U T M: 17 0540550.0 4744500.0 4

REGION: 02

DISTANCE: 48.922

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	BOD5	CLIDUR	COD	COND25	DO	DOC	FCMF
					BOD					CARBON	FECAL
				ALK	5 DAY	CHLORIDE	CHEM. OX	CONDUCT.	DISOLVED	DISOLVED	COLIFORM
				TOTAL	TOT.DEM.	UNF.REAC	DEMAND	25C	OXYGEN	ORGANIC	MF
SAMPLE		SAMPLE	PROJECT	MG/L	MG/L	MG/L	MG/L	UMHO/CM	MG/L	MG/L	CNT
DATE	HR	DEPTH	SUB-PROJ	AS CAC03	AS O	AS CL	AS O	AT 25 C	AS O	AS C	/100ML
YYMMDD	LMT	NUMBER	CODE								
820118	1030	48314	0101			13.00	2	610	12.60	2.3	10<=>
820211	1050	48385	0101			11.00	6	560	12.50	2.2	4<
820316	1010	48444	0101			6.50	12	228	12.80	4.8	120
820426	1040	48524	0101			13.20	10	553.0	9.50	4.1	10<=>
820511	1050	48563	0101			11.60	6	541.0	10.80	3.9	30<=>
820624	1245	48622	0101			13.00	18	536.0	14.44	5.2	30<=>
820714	0955	48685	0101			10.60	10	523.0	11.60	2.2	60<=>
820809	1310	48730	0101	193.1	0.31<T	9.25		489.0	8.90		110
820908	1015	48819	0101	200.5		10.20	10	512.0	10.10	2.3	40<=>
821014	1115	48874	0101			11.80	7.9	540.0	10.20	2.5	10<=>
821116	1245	48918	0101			17.10	25.0	604.0	12.20	3.7	30<=>
821207	1145	48957	0101			16.10	17.9	553.0	10.40	5.0	580
MAXIMUM		0.30		200.5	0.31	17.10	25.0	610	14.44	5.2	580
ARITH MEAN		0.30		196.8	0.31<A	11.95	11	521	11.34	3.5	94
GEOM MEAN				196.8		11.61	9	508	11.23	3.3	
MINIMUM		0.30		193.1	0.31	6.50	2	228	8.90	2.2	10
STD DEV (GEOM *)				5.2		2.87	7	98	1.62	1.2	
# SAMP IN STATISTICS		11		2	1	12	11	12	12	11	11
% SAMP (EXCLUDED)											8

*=INTERIM TEST-NAME:		FEUT	FSMF	FVPH	FWSTRC	FWTEMP	NNHTFR	NNOTFR	NNO2FR	NNO3FR	NNTKUR
		IRON	FECAL				NH3-N				K'DAHL N
		UNF.TOT.	STREPCUS				TOTAL				TOTAL
		MG/L	MF				FIL.REAC	FIL.REAC	FIL.REAC	FIL.REAC	FIL.TOT.
SAMPLE		AS FE	CNT	PH	STREAM	TEMP	MG/L	MG/L	MG/L	MG/L	MG/L
DATE	HR		/100ML	FIELD	COND.	DEG.C	AS N	AS N	AS N	AS N	AS N
YYMMDD	LMT	NUMBER									
820118	1030	48314	10<	8.40	4	2.0	0.054	2.850	0.028	2.820	0.33
820211	1050	48385	8	8.15	4	4.0	0.008	2.450	0.066	2.380	0.27
820316	1010	48444	630	7.75	3	3.0	0.540	1.700	0.043	1.660	1.50
820426	1040	48524	10<=>	7.85	8	11.5	0.002<W	1.950	0.0020<T	1.950	0.38
820511	1050	48563	10<		8	14.0	0.030	1.250	0.0190	1.230	0.39
820624	1245	48622	140	8.20	8	16.0	0.004<T	2.450	0.0010<T	2.450	0.58
820714	0955	48685	40<=>	7.80	8	17.5	0.012	1.750	0.0240	1.730	0.31
820809	1310	48730	330	8.20	8	19.0	0.016	1.500	0.0380	1.460	0.34
820908	1015	48819	0.150	8.05	8	12.5	0.014	1.550	0.0115	1.540	0.33
821014	1115	48874	90<=>	8.0	8	13.0	0.012	1.400	0.0140	1.390	0.35
821116	1245	48918	130	8.40	8	5.5	0.004<T	3.050	0.0210	3.03	0.470
821207	1145	48957	1220	8.15	3	7.0	0.002<T	3.450	0.0030	3.450	0.925

(C O N T D)

B.O.W./ SITE: BIG CREEK
 SAMPLE POINT: AT WESTERN AVE.DELHI
 STATION TYPE: RIVER

STATION ID: 16-0124-002-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: BIG CREEK

STORET CODE: 02
 003
 1090

LAT: 42 51 14.19 LONG: 080 30 13.30

U T M: 17 0540550.0 4744500.0 4

REGION: 02

DISTANCE: 48.922

*INTERIM TEST-NAME:		FEUT	FSMF FECAL STREPCUS	FWPH	FWSTRC	FWTEMP	NNHTFR NH3-N TOTAL	NNOTFR	NNO2FR	NNO3FR	NNTKUR K'DAHL N TOTAL
SAMPLE DATE	HOUR	IRON UNF.TOT. MG/L	MF CNT /100ML	PH	STREAM COND.	WATER TEMP DEG.C	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.TOT. MG/L AS N
YYMMDD	LMT	SAMPLE NUMBER	AS FE	FIELD							

		MAXIMUM	0.150	1220	8.40	19.0	0.540	3.450	0.066	3.450	1.50
		ARITH MEAN	0.150	284	8.1	10.4	0.058<A	2.112	0.023 <A	2.09	0.51
		GEOM MEAN			8.1	8.4	0.012<A	2.006	0.013 <A	1.98	0.45
		MINIMUM	0.150	8	7.75	2.0	0.002	1.250	0.0010	1.230	0.27
		STD DEV (GEOM *)			0.2	5.9	0.152<A	0.721	0.019 <A	0.72	0.36
		# SAMP IN STATISTICS	1	10	11	12	12	12	12	12	12
		% SAMP (EXCLUDED)		16							

*INTERIM TEST-NAME:		PH	PP04FR	PPUT	RSF	RSP	TCMF COLIFORM TOTAL	TCMFBK COLIFORM TOTAL MF BCKGRD	TURB
SAMPLE DATE	HOUR	PH	PO4 FIL.REAC MG/L AS P	PHOSPHOR UNF.TOT. MG/L AS P	RESIDUE FILTERED MG/L	RESIDUE PARTIC. MG/L	MF CNT /100ML	MF CNT /100ML	TURB'ITY FTU
YYMMDD	LMT	SAMPLE NUMBER							

		MAXIMUM	8.48	0.063	0.242	438.0	86.1	12200	79000	32.00
		ARITH MEAN	8.28	0.013	0.042	358	13.3	2163	19197	6.37
		GEOM MEAN	8.27	0.008	0.025	348	6.1	731		3.63
		MINIMUM	7.68	0.0030	0.010	148	1.0	80	140	1.10
		STD DEV (GEOM *)	0.22	0.017	0.065	72	23.8	5*		8.95
		# SAMP IN STATISTICS	12	11	12	12	12	11	12	
		% SAMP (EXCLUDED)						8		

B.O.W./ SITE: BIG CREEK
 SAMPLE POINT: NORFOLK COUNTY ROAD 42
 STATION TYPE: RIVER

STATION ID: 16-0124-003-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: BIG CREEK

STORET CODE: 02
 003
 1090

LAT: 42 35 36.97 LONG: 080 29 10.55

U T M: 17 0542150.0 4715600.0 4

REGION: 02

DISTANCE: 3.380

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	BOD5	CAUR	CLIDUR	COND25	CUUT	DO	FCMF
					BOD						FECAL
				ALK	5 DAY	CALCIUM	CHLORIDE	CONDUCT.	COPPER	DISOLVED	COLIFORM
				TOTAL	TOT.DEM.	UNF.REAC	UNF.REAC	25C	UNF.TOT.	OXYGEN	MF
				MG/L	MG/L	MG/L	MG/L	UMHO/CM	MG/L	MG/L	CNT
				AS CAC03	AS O	AS CA	AS CL	AT 25 C	AS CU	AS O	/100ML
SAMPLE		SAMPLE	PROJECT								
DATE	HOOR	DEPTH	SUB-PROJ								
YYMMDD	LMT	NUMBER	CODE								
820118	1120	48316	0101	209		81.0	15.50	560	0.005	11.00	10<
820211	1140	48387	0101	194		72.0	14.00	530	0.005	11.30	44
820316	1100	48446	0101	81		31.0	4.70	223	0.006	11.60	30<=>
820426	1130	48526	0101	192.7		79.2	13.20	522.0	0.021	9.00	30<=>
820511	1130	48565	0101	190.0		76.6	12.60	502.0	0.009	9.40	10<=>
820624	1330	48624	0101	190.4		75.9	12.40	486.0	0.011	13.60	200
820714	1050	48687	0101	191.0		75.0	14.10	501.0	0.005	10.40	40<=>
820809	1350	48732	0101	173.1	0.81		13.70	457.0	0.010	8.90	150
820908	1105	48821	0101	186.3		70.8	13.90	486.0	0.005	9.30	20<=>
821014	1200	48876	0101	195.0		76.8	14.50	517.0	0.005	9.2	10<
821116	1025	48920	0101	202.9		90.7	14.70	551.0	0.011	11.40	50<=>
821207	1225	48959	0101	188.9		79.3	13.80	509.0	0.007	9.90	140
MAXIMUM		0.30		209	0.81	90.7	15.50	560	0.021	13.60	200
ARITH MEAN		0.30		183	0.81	73.5	13.09	487	0.008	10.4	71
GEOM MEAN				179		71.4	12.64	476	0.007	10.3	
MINIMUM		0.30		81	0.81	31.0	4.70	223	0.005	8.90	10
STD DEV (GEOM *)				33		15.0	2.78	88	0.005	1.4	
# SAMP IN STATISTICS		11		12	1	11	12	12	12	12	10
% SAMP (EXCLUDED)											16

*=INTERIM TEST-NAME:		FEUT	FSMF	FVPH	FWSTRC	FWTEMP	HARDT	KKUR	MGUR	NAUR	NNHTFR	
			FECAL								NH3-N	
		IRON	STREPCUS				HARDNESS	POTASSIM	MAGNESIM	SODIUM	TOTAL	
		UNF.TOT.	MF			WATER	TOTAL	UNF.REAC	FIL.REAC	UNF.REAC	FIL.REAC	
		MG/L	CNT	PH	STREAM	TEMP	MG/L	MG/L	MG/L	MG/L	MG/L	
		AS FE	/100ML	FIELD	COND.	DEG.C	AS CAC03	AS K	AS MG	AS NA	AS N	
SAMPLE												
DATE	HOOR											
YYMMDD	LMT	NUMBER										
820118	1120	48316	0.26	10<	7.95	4	2.0	268	1.50	16.00	7.5	0.064
820211	1140	48387	0.22	48	8.0	4	3.5	239	1.20	14.50	7.5	0.024
820316	1100	48446	3.30	630	7.60	3	3.0	96	2.75	4.45	2.7	0.252
820426	1130	48526	0.970	60<=>	7.65	8	11.0	256.0	1.60	14.10	6.05	0.002<W
820511	1130	48565	0.990	10<=>		8	14.5	250.0	1.36	14.30	5.90	0.002<W
820624	1330	48624	1.875	200	8.05	3	16.0	242.0	1.82	12.70	5.30	0.002<T
820714	1050	48687	0.795	30<=>	7.80	8	20.5	249.0	1.26	15.00	6.40	0.004<T
820809	1350	48732		320	8.15	8	21.5					0.004
820908	1105	48821	0.500	260	8.10	8	15.0	231.0	1.40	13.20	7.15	0.038
821014	1200	48876	0.470	50<=>	8.0	8	13	255.0	1.70	15.40	7.10	0.004<T
821116	1025	48920	0.535	40<=>	8.20	8	5.5	283.0	2.00	13.70	6.50	0.002<T
821207	1225	48959	2.260	260	8.10	3	8.0	252.0	2.30	13.20	5.50	0.002<T

(C O N T D)

B.O.W./ SITE: BIG CREEK
 SAMPLE POINT: NORFOLK COUNTY ROAD 42
 STATION TYPE: RIVER

STATION ID: 16-0124-003-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: BIG CREEK

STORET CODE: 02
 003
 1090

LAT: 42 35 36.97 LONG: 080 29 10.55 U T M: 17 0542150.0 4715600.0 4 REGION: 02 DISTANCE: 3.380

*INTERIM TEST-NAME:		FEUT	FMSF FECAL STREPCUS	FWPH	FWSTRC	FWTEMP	HARDT	KKUR	MGUR	NAUR	NNHTFR NH3-N TOTAL
SAMPLE DATE	HOUR	IRON UNF.TOT. MG/L	MF CNT /100ML	PH FIELD	STREAM COND.	WATER TEMP DEG.C	HARDNESS TOTAL MG/L AS CAC03	POTASSIM UNF.REAC MG/L AS K	MAGNESIM FIL.REAC MG/L AS MG	SODIUM UNF.REAC MG/L AS NA	FIL.REAC MG/L AS N
YYMMDD	LMT	SAMPLE NUMBER	AS FE								
		MAXIMUM	3.30	630	8.20	21.5	283.0	2.75	16.00	7.5	0.252
		ARITH MEAN	1.11	173	8.0	11	238	1.72	13.32	6.1	0.033<A
		GEOM MEAN	0.79		8.0	9	231	1.66	12.76	6.0	0.007<A
		MINIMUM	0.22	10	7.60	2.0	96	1.20	4.45	2.7	0.002
		STD DEV (GEOM *)	0.97		0.2	7	49	0.48	3.11	1.4	0.072<A
		# SAMP IN STATISTICS	11	11	11	12	11	11	11	11	12
		% SAMP (EXCLUDED)		8							

*INTERIM TEST-NAME:		NNOTFR	NN02FR	NN03FR	NNTKUR K'DAHL N TOTAL	PBUT	PH	PHNOL	PP04FR	PPUT	RSF	
SAMPLE DATE	HOUR	NO2+NO3N FIL.REAC MG/L	NO2-N FIL.REAC MG/L	NO3-N FIL.REAC MG/L	FIL.TOT. MG/L	LEAD UNF.TOT. MG/L		PHENOLS UNF-REAC UG/L	P04 FIL.REAC MG/L	PHOSPHOR UNF.TOT. MG/L	RESIDUE FILTERED MG/L	
YYMMDD	LMT	SAMPLE NUMBER	AS N	AS N	AS N	AS PB	PH	PHENOL	AS P	AS P		
820118	1120	48316	2.400	0.033	2.370	0.34	0.006	8.05	1<T	0.006	0.013	353
820211	1140	48387	2.150	0.095	2.050	0.27	0.003<	8.23		0.020	0.015	338
820316	1100	48446	1.100	0.026	1.070	0.88	0.003<	7.72		0.029	0.153	145
820426	1130	48526	1.850	0.0020<T	1.850	0.38	0.003<	8.30		0.0080	0.048	342.0
820511	1130	48565	1.250	0.0010<T	1.250	0.35	0.003<	8.35		0.1750	0.252	323.0
820624	1330	48624	2.150	0.0015<T	2.150	0.57	0.003<	8.57		0.0310	0.116	345.0
820714	1050	48687	1.350	0.0620	1.290	0.35	0.003<	8.18		0.0170	0.083	336.0
820809	1350	48732	1.250	0.0540	1.200	0.58	0.008	8.24		0.0230	0.138	312.0
820908	1105	48821	1.350	0.0260	1.320	0.36	0.003<	8.46		0.0185	0.050	329.0
821014	1200	48876	1.300	0.0250	1.280	0.32	0.003<	8.26		0.0195	0.034	350.0
821116	1025	48920	2.200	0.0030	2.200	0.350	0.007	8.16		0.0075	0.019	365.0
821207	1225	48959	2.600	0.0010<T	2.600	0.525	0.006	8.02		0.0175	0.107	401.0
		MAXIMUM	2.600	0.095	2.600	0.88	0.008	8.57	1	0.1750	0.252	401.0
		ARITH MEAN	1.746	0.027 <A	1.719	0.44	0.007	8.21	1<A	0.031	0.086	328
		GEOM MEAN	1.672	0.010 <A	1.643	0.42		8.21		0.019	0.059	320
		MINIMUM	1.100	0.0010	1.070	0.27	0.006	7.72	1	0.006	0.013	145
		STD DEV (GEOM *)	0.533	0.030 <A	0.539	0.17		0.22		0.046	0.072	62
		# SAMP IN STATISTICS	12	12	12	12	4	12	1	12	12	12
		% SAMP (EXCLUDED)					66					

(C O N T D)

B.O.W./ SITE: BIG CREEK
 SAMPLE POINT: NORFOLK COUNTY ROAD 42
 STATION TYPE: RIVER

STATION ID: 16-0124-003-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: BIG CREEK

STORET CODE: 02
 003
 1090

LAT: 42 35 36.97 LONG: 080 29 10.55

U T M: 17 0542150.0 4715600.0 4

REGION: 02

DISTANCE: 3.380

*=INTERIM TEST-NAME:		RSP	SS04UR	TCHM	TCHMBK	TURB	ZNUT
			SULPHATE	COLIFORM	COLIFORM		ZINC
		RESIDUE	UNF.REAC	TOTAL	TOTAL MF		UNF.TOT.
SAMPLE			MG/L	MF	BCKGRD		MG/L
DATE	HR	SAMPLE	PARTIC.	CNT	CNT	TURB'ITY	AS ZN
YYMMDD	LMT	NUMBER	NG/L	/100ML	/100ML	FTU	
820118	1120	48316	3.0	280	1000	3.50	0.002
820211	1140	48387	3.1	1070	1650	4.00	0.004
820316	1100	48446	49.1	39000	200000	50.00	0.013
820426	1130	48526	24.700	310<=>	2750	18.30	0.001<
820511	1130	48565	26.000	100	290	18.50	0.012
820624	1330	48624	54.500	5400<=>	112000	37.00	0.014
820714	1050	48687	12.400	400<=>	48000	11.40	0.002
820809	1350	48732	22.500	800<=>	74000	20.00	0.004
820908	1105	48821	11.300	1900	8300	7.80	0.003
821014	1200	48876	12.000	480<=>	7400	4.80	0.003
821116	1025	48920	9.700	1100	11000	4.90	0.003
821207	1225	48959	95.400	7800	18000	33.00	0.009
MAXIMUM		95.400	68.0	39000	200000	50.00	0.014
ARITH MEAN		27.0	54.9	4887	40366	17.77	0.006
GEOM MEAN		16.9	52.9	1142	10203	12.31	
MINIMUM		3.0	21.0	100	290	3.50	0.002
STD DEV (GEOM *)		27.1	12.6	5*	7*	15.12	
# SAMP IN STATISTICS		12	11	12	12	12	11
% SAMP (EXCLUDED)							8

B.O.W./ SITE: BIG CREEK
 SAMPLE POINT: AT WILLIAM STREET DELHI
 STATION TYPE: RIVER FLOW GAUGE FED 02GC006

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: BIG CREEK

STATION ID: 16-0124-009-02

STORET CODE: 02
 003
 2870

LAT: 42 51 01.29 LONG: 080 30 31.02

U T M: 17 0540150.0 4744100.0 4

REGION: 02

DISTANCE: 48.440

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	BOD5	CAUR	CLIDUR	COD	COND25	CUUT	DO
					BOD 5 DAY TOT.DEM. MG/L AS O	CALCIUM UNF.REAC MG/L AS CA	CHLORIDE UNF.REAC MG/L AS CL	CHEM. OX DEMAND MG/L AS O	CONDUCT. 25C UMHO/CM AT 25 C	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE DEPTH NUMBER M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CAC03							
820118	1040	48315	0.30	0101	228		14.50		610	0.007	12.80
820211	1100	48386	0.30	0101	211		13.00		570	0.006	13.20
820316	1020	48445	0.30	0101	81		6.60		230	0.008U	12.50
820426	1045	48525	0.30	0101	204.6	0.36<T	13.70		553.0	0.006	9.50
820511	1100	48564	0.30	0101	204.3	0.10<T	12.80		547.0	0.008	10.00
820624	1250	48623	0.30	0101			14.00	18	544.0		13.4
820714	1005	48686	0.30	0101	204.7	0.38<T	13.00		532.0	0.003	11.60
820809	1315	48731	0.30	0101	191.2		72.4		501.0	0.016	8.80
820908	1025	48820	0.30	0101	198.0	1.52	13.20		522.0	0.006	9.80
821014	1120	48875		0101	205.9	0.59	13.80		547.0	0.006	10.4
821116	1235	48919	0.30	0101	219.9	0.85	18.00		600.0	0.011	12.20
821207	1150	48958	0.30	0101	204.5	1.00	16.80		554.0	0.010	10.50
MAXIMUM		0.30			228	3.4	72.4	18	610	0.016	13.4
ARITH MEAN		0.30			196	1.0 <A	72.4	18	526	0.008	11.2
GEOM MEAN					190	0.6 <A	13.22		513	0.007	11.1
MINIMUM		0.30			81	0.10	72.4	18	230	0.003	8.80
STD DEV (GEOM *)					39	1.0 <A	2.72		98	0.003	1.6
# SAMP IN STATISTICS		11			11	9	1	1	12	11	12
% SAMP (EXCLUDED)											

*=INTERIM TEST-NAME:		DOC CARBON DISOLVED ORGANIC MG/L AS C	FCMF FECAL COLIFORM MF CNT /100ML	FEUT IRON UNF.TOT. MG/L AS FE	FSMF FECAL STREPCUS MF CNT /100ML	FWFLOW STREAM FLOW M3 /S	FVPH PH FIELD	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	HARDT HARDNESS TOTAL MG/L AS CAC03	KKUR POTASSIM UNF.REAC MG/L AS K
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER									
820118	1040	48315	10<		20<=>	2.750	8.15	4	2.0		
820211	1100	48386	48		364	1.930	8.20	4	3.5		
820316	1020	48445	110		920	36.000	7.70	3	3.0		
820426	1045	48525	20<=>		20<=>	5.450	7.80	8	11.5		
820511	1100	48564	10<		10<=>	3.200		8	14.0		
820624	1250	48623	5.2		80<=>	5.600	8.10	3	16.0		
820714	1005	48686	60<=>		10<	0.939	7.80	8	17.5		
820809	1315	48731	370	0.370	530	2.090	8.20	8	19.0	241.0	1.60
820908	1025	48820	15000		10900	1.580	8.00	8	12.5		
821014	1120	48875	30<=>		140	2.300	7.9	8	12.0		
821116	1235	48919	60<=>		110	4.900	8.30	8	5.5		
821207	1150	48958	730		1440	9.990	8.05	3	8.0		

(C O N T D)

B.O.W./ SITE: BIG CREEK
 SAMPLE POINT: AT WILLIAM STREET DELHI
 STATION TYPE: RIVER FLOW GAUGE FED 02GC006

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: BIG CREEK

STATION ID: 16-0124-009-02

STORET CODE: 02
 003
 2870

LAT: 42 51 01.29 LONG: 080 30 31.02

U T M: 17 0540150.0 4744100.0 4

REGION: 02

DISTANCE: 48.440

*=INTERIM TEST-NAME:		DOC CARBON DISOLVED ORGANIC	FCMF FECAL COLIFORM MF	FEUT IRON UNF.TOT. MG/L	FSMF FECAL STREPCUS MF	FWFLOW STREAM FLOW M3 /S	FWPH PH FIELD	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	HARDT HARDNESS TOTAL MG/L AS CAC03	KKUR POTASSIM UNF.REAC MG/L AS K
DATE	HOUR	SAMPLE NUMBER	MG/L AS C	CNT /100ML	CNT /100ML						
YYMMDD	LMT										
		MAXIMUM	5.2	15000	0.370	10900	36.000	8.30	19.0	241.0	1.60
		ARITH MEAN	5.2	1651	0.370	1325	6.394	8.0	10.4	241.0	1.60
		GEOM MEAN					3.697	8.0	8.4		
		MINIMUM	5.2	20	0.370	10	0.939	7.70	2.0	241.0	1.60
		STD DEV (GEOM *)					9.652	0.2	5.9		
		# SAMP IN STATISTICS	1	10	1	11	12	11	12	1	1
		% SAMP (EXCLUDED)		16		8					

*=INTERIM TEST-NAME:		MGUR MAGNESIM FIL.REAC MG/L AS MG	NAUR SODIUM UNF.REAC MG/L AS NA	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NN02FR NO2-N FIL.REAC MG/L AS N	NN03FR NO3-N FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	PBUT LEAD UNF.TOT. MG/L AS PB	PH	PP04FR P04 FIL.REAC MG/L AS P	
DATE	HOUR	SAMPLE NUMBER										
YYMMDD	LMT											
820118	1040	48315		0.072	2.900	0.085	2.810	0.36	0.009	8.23	0.010	
820211	1100	48386		0.004	2.700	0.310	2.390	0.28	0.008	8.48	0.013	
820316	1020	48445		0.540	1.700	0.046	1.650	1.55	0.003<	7.61	0.062	
820426	1045	48525		0.002<W	2.050	0.0020<T	2.050	0.35	0.006	8.44	0.0050	
820511	1100	48564		0.002<T	1.400	0.0940	1.305	0.49	0.013	8.42	0.1050	
820624	1250	48623		0.002<T	2.600	0.0010<T	2.600	0.60		8.62	0.0135	
820714	1005	48686		0.004<T	1.900	0.0590	1.840	0.28	0.003<	8.29	0.0075	
820809	1315	48731	14.70	0.004	1.750	0.0315	1.720	0.35	0.004	8.28	0.0140	
820908	1025	48820		0.006	1.950			0.54	0.003<	8.43	0.0120	
821014	1120	48875		0.006	1.650	0.0850	1.540	0.35	0.003	8.48	0.0050	
821116	1235	48919		0.004<T	3.150	0.0240	3.130	0.490	0.008	8.52	0.0075	
821207	1150	48958		0.002<T	3.500	0.0015<T	3.500	0.625	0.007	8.19	0.0180	
		MAXIMUM	14.70	5.40	0.540	3.500	0.310	3.500	1.55	0.013	8.62	0.1050
		ARITH MEAN	14.70	5.40	0.054<A	2.271	0.067 <A	2.230	0.52	0.007	8.33	0.023
		GEOM MEAN			0.007<A	2.183	0.024 <A	2.131	0.46		8.33	0.014
		MINIMUM	14.70	5.40	0.002	1.400	0.0010	1.305	0.28	0.003	7.61	0.0050
		STD DEV (GEOM *)			0.154<A	0.674	0.088 <A	0.710	0.34		0.26	0.030
		# SAMP IN STATISTICS	1	1	12	12	11	11	12	8	12	12
		% SAMP (EXCLUDED)							27			

(C O N T D)

B.O.W./ SITE: DEDRICH CREEK
 SAMPLE POINT: AT FRONT ROAD WALSINGHAM SOUTH TOWNSHIP
 STATION TYPE: RIVER FLOW GAUGE FED 02GC013

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: DEDRICH CREEK

STATION ID: 16-0126-001-02

STORET CODE: 02
 003
 1080

LAT: 42 36 47.55 LONG: 080 27 38.89

U T M: 17 0544225.0 4717790.0 4

REGION: 02

DISTANCE: 0.966

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	BOD5	CLIDUR	COND25	CUUT	DO	FCMF	FEUT
					BOD					FECAL	
				ALK	5 DAY	CHLORIDE	CONDUCT.	COPPER	DISOLVED	COLIFORM	IRON
				TOTAL	TOT.DEM.	UNF.REAC	25C	UNF.TOT.	OXYGEN	MF	UNF.TOT.
				MG/L	MG/L	MG/L	UMHO/CM	MG/L	MG/L	CNT	MG/L
				AS CAC03	AS O	AS CL	AT 25 C	AS CU	AS O	/100ML	AS FE
SAMPLE		SAMPLE	PROJECT								
DATE	HOUR	DEPTH	SUB-PROJ								
YYMMDD	LMT	NUMBER	CODE								
820118	1135	48317	0101	201	0.2	13.00	485	0.004	12.80	100	
820211	1155	48388	0101	195		29.00	530	0.005	12.60	32	
820316	1110	48447	0101	90	1.2	5.45	238	0.004	12.30	130	
820426	1135	48527	0101	165.7	0.29<T	10.50	419.0	0.034U	9.20	50<=>	
820511	1140	48566	0101	171.5	0.14<T	10.40	419.0	0.007	9.70	30<=>	
820624	1340	48625	0101	160.4	0.81	9.10	394.0	0.008	14.60	260	
820714	1100	48688	0101	168.0	0.49	11.60	413.0	0.025	9.20	130	
820809	1355	48733	0101	166.6		11.00	404.0	0.012	7.80	270	1.760
820908	1115	48822	0101	168.9	0.69	11.30	406.0	0.006	8.40	130	
821014	1210	48877	0101	175.6	1.00	12.40	447.0	0.006	9.4	10<	
821116	1035	48921	0101	180.9	0.48	13.50	486.0	0.009	12.60	130	
821207	1235	48960	0101	164.1	0.76	11.80	437.0	0.007	10.50	150	
MAXIMUM		0.30		201	1.2	29.00	530	0.034	14.60	270	1.760
ARITH MEAN		0.30		167	0.6 <A	12.42	423	0.011	10.8	128	1.760
GEOM MEAN				165	0.5 <A	11.58	416	0.008	10.6		
MINIMUM		0.30		90	0.14	5.45	238	0.004	7.80	30	1.760
STD DEV (GEOM *)				27	0.3 <A	5.63	71	0.009	2.1		
# SAMP IN STATISTICS		11		12	10	12	12	12	12	11	1
% SAMP (EXCLUDED)										8	

*=INTERIM TEST-NAME:		FSMF	FWFLOW	FWPH	FWSTRC	FWTEMP	NNHTR	NNOTFR	NNO2FR	NNO3FR	NNTKUR
		FECAL					NH3-N				K'DAHL N
		STREPCUS	STREAM			WATER	TOTAL	NO2+NO3N	NO2-N	NO3-N	TOTAL
		MF	FLOW			TEMP	FIL.REAC	FIL.REAC	FIL.REAC	FIL.REAC	FIL.TOT.
		CNT	M3	PH	STREAM	DEG.C	MG/L	MG/L	MG/L	MG/L	MG/L
		/100ML	/S	FIELD	COND.		AS N	AS N	AS N	AS N	AS N
SAMPLE											
DATE	HOUR										
YYMMDD	LMT	NUMBER									
820118	1135	48317	60<=>	0.470	7.25	4	1.5	0.150	1.600	0.032	0.36
820211	1155	48388	28	0.401	8.00	4	3.5	0.032	1.200	0.089	0.30
820316	1110	48447	450	7.300	7.55	3	3.0	0.122	1.150	0.023	0.90
820426	1135	48527	10<=>	1.060	7.85	8	11.5	0.002<W	1.150	0.0020<T	0.38
820511	1140	48566	60<=>	0.686		8	14.5	0.002<W	0.735	0.0010<T	0.40
820624	1340	48625	500	0.911	8.10	3	17.0	0.004<T	1.150	0.0010<T	0.48
820714	1100	48688	150	0.259	7.70	8	21.0	0.006	0.785	0.0220	0.33
820809	1355	48733	310	0.408	8.00	8	21.0	0.004	0.850	0.0175	0.33
820908	1115	48822	120	0.001	7.95	8	15.5	0.002<T	0.840	0.0280	0.36
821014	1210	48877	220	0.315	7.95	8	12.5	0.004<T	0.685	0.0160	0.33
821116	1035	48921	20<=>	0.870	8.25	8	5.0	0.004<T	2.100	0.0025	0.370
821207	1235	48960	570	1.820	8.05	3	6.5	0.002<T	2.350	0.0025	0.475

(C O N T D)

STATION ID: 16-0126-001-02

STORET CODE: 02
003
1080

[illegible]

B.O.W./ SITE: LYNN RIVER
 SAMPLE POINT: AT DE COU ROAD SIMCOE UL-20
 STATION TYPE: RIVER

STATION ID: 16-0159-003-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: LYNN RIVER

STORET CODE: 02
 003
 0650

LAT: 42 49 24.43 LONG: 080 17 21.05

U T M: 17 0558105.0 4741240.0 4

REGION: 02

DISTANCE: 11.426

*INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	ALUT	BOD5	CLIDUR	COD	COND25	CUUT	DO		
				ALK	ALUMINUM	BOD	CHLORIDE	CHEM. OX	CONDUCT.	COPPER	DISOLVED		
				TOTAL	UNF. TOT.	5 DAY	UNF. REAC	DEMAND	25C	UNF. TOT.	OXYGEN		
				MG/L	MG/L	TOT. DEM.	MG/L	MG/L	UMHO/CM	MG/L	MG/L		
				AS CAC03	AS AL	AS O	AS CL	AS O	AT 25 C	AS CU	AS O		
SAMPLE DATE	YHMMDD LMT	SAMPLE NUMBER	DEPTH M	PROJECT SUB-PROJ CODE									
820118	0955	48312	0.30	0101	203	0.130	2.0	35.50	0	650	0.011	13.80	
820211	1015	48383	0.30	0101	205	0.210		41.00	8	650	0.006	13.10	
820316	0930	48442	0.30	0101	104	0.520U	2.2	13.00	12	316	0.008U	13.40	
820426	1000	48522	0.30	0101	191.4	0.760	0.42<T	25.20	6	576.0	0.016	9.50	
820511	1015	48561	0.30	0101	195.0	0.200	0.22<T	27.80	10	573.0	0.009	9.70	
820624	1210	48620	0.30	0101	199.1	0.150	1.35	23.20	10	542.0	0.006	14.60	
820714	0915	48683	0.30	0101	194.5	0.180	1.54	24.40	12	549.0	0.006	10.60	
820809	1235	48728	0.30	0101	180.2	0.210	1.01	30.00	10	541.0	0.010	8.30	
820908	0920	48817	0.30	0101	207.4	0.063	1.67	30.80	16	592.0	0.006	9.50	
821014	1040	48872		0101	194.9	0.070		38.60	21.8	617.0	0.006	8.4	
821116	1310	48916	0.30	0101	202.9	0.120	1.45	28.40		604.0	0.017	11.80	
821207	1110	48955	0.30	0101	191.2	0.100	0.80	22.90	12.9	553.0	0.006	10.70	
MAXIMUM					0.30	207.4	0.760	2.2	41.00	21.8	650	0.017	14.60
ARITH MEAN					0.30	189	0.226	1.3 <A	28.40	11	564	0.009	11.1
GEOM MEAN						186	0.172	1.1 <A	27.34		556	0.008	10.9
MINIMUM					0.30	104	0.063	0.22	13.00	0	316	0.006	8.30
STD DEV (GEOM *)						28	0.206	0.6 <A	7.64		87	0.004	2.2
# SAMP IN STATISTICS					11	12	12	10	12	11	12	12	12
% SAMP (EXCLUDED)													

*INTERIM TEST-NAME:		FCMF	FEUT	FSMF	FwPH	FwSTRC	FwTEMP	HGUT	NNHTFR	NNOTFR	NN02FR	
		FECAL COLIFORM	IRON	FECAL STREPCUS				MERCURY	NH3-N			
		MF	UNF. TOT.	MF				UNF. TOT.	TOTAL			
		CNT	MG/L	CNT	PH	STREAM	WATER	UG/L	FIL. REAC	FIL. REAC	FIL. REAC	
		/100ML	AS FE	/100ML	FIELD	COND.	TEMP	AS HG	MG/L	MG/L	MG/L	
							DEG. C		AS N	AS N	AS N	
SAMPLE DATE	YHMMDD LMT	SAMPLE NUMBER										
820118	0955	48312	40<=>	0.55	90<=>	8.45	4	1.5		0.600	4.650	1.120
820211	1015	48383	48	0.51	20	7.60	8	4.0		0.074	3.500	0.068
820316	0930	48442	4200	1.15	650	7.60	3	3.5		0.250	0.070	0.008
820426	1000	48522	2500	1.300	80<=>	7.60	8	11.0		0.002<W	2.400	0.0020<T
820511	1015	48561	130	0.960	30<=>		8	14.0		0.002<T	2.150	0.0280
820624	1210	48620	660	0.385	270	8.05	8	15.5	0.03<	0.004<T	1.500	0.0010<T
820714	0915	48683	720	0.905	1010	7.80	8	18.0		0.004<T	1.550	0.0235
820809	1235	48728	1000<=>	0.645	540	8.00	8	19.5		0.004	2.850	0.0230
820908	0920	48817	700	0.380		7.90	8	10.0		0.018	1.550	
821014	1040	48872	120<=>	0.460	360	7.65	8	13.0		0.006	3.100	0.0165
821116	1310	48916	110	0.230	60<=>	8.30	8	6.5		0.002<W	2.300	0.0070
821207	1110	48955	130	0.295	160	8.05	8	7.0		0.002<T	2.550	0.0040

(C O N T D)

B.O.W./ SITE: LYNN RIVER
 SAMPLE POINT: AT DE COU ROAD SIMCOE UL-20
 STATION TYPE: RIVER

STATION ID: 16-0159-003-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: LYNN RIVER

STORET CODE: 02
 003
 0650

LAT: 42 49 24.43 LONG: 080 17 21.05 U T M: 17 0558105.0 4741240.0 4 REGION: 02 DISTANCE: 11.426

*=INTERIM TEST-NAME:		FCMF FECAL COLIFORM MF CNT /100ML	FEUT IRON UNF.TOT. MG/L AS FE	FSMF FECAL STREPCUS MF CNT /100ML	FWPH PH FIELD	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	HGUT MERCURY UNF.TOT. UG/L AS HG	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N
SAMPLE DATE YYMMDD	TIME HOUR LMT	SAMPLE NUMBER									
		MAXIMUM	4200	1.300	1010	8.45	19.5		0.600	4.650	1.120
		ARITH MEAN	863	0.65	297	7.91	10.3		0.081<A	2.347	0.118 <A
		GEOM MEAN	327	0.57	157	7.90	8.3		0.010<A	1.792	0.015 <A
		MINIMUM	40	0.230	20	7.60	1.5		0.002	0.070	0.0010
		STD DEV (GEOM *)	5*	0.35	4*	0.29	5.9		0.178<A	1.156	0.333 <A
		# SAMP IN STATISTICS	12	12	11	11	12		12	12	11
		% SAMP (EXCLUDED)									

*=INTERIM TEST-NAME:		NNO3FR NO3-N FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	PBUT LEAD UNF.TOT. MG/L AS PB	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	PP04FR P04 FIL.REAC MG/L AS P	PPUT PHOSPHOR UNF.TOT. MG/L AS P	RSF RESIDUE FILTERED MG/L	RSP RESIDUE PARTIC. MG/L	TCMF COLIFORM TOTAL MF CNT /100ML
SAMPLE DATE YYMMDD	TIME HOUR LMT	SAMPLE NUMBER									
820118	0955	48312	3.520	0.61	0.006	7.82	1	0.078	0.200	407	1000
820211	1015	48383	3.430	0.49	0.003<	8.57	1 <T	0.019	0.047	419	260
820316	0930	48442	0.060	0.88	0.005U	7.67	1	0.047	0.143	205	31000
820426	1000	48522	2.400	0.58	0.010	8.26	1.0	0.0280	0.093	392.0	2900
820511	1015	48561	2.120	0.40	0.010	7.95	0.4<T	0.0260	0.065	369.0	610<=>
820624	1210	48620	1.500	0.43	0.006	8.56	0.4<T	0.0210	0.035	384.0	44000
820714	0915	48683	1.530	0.40	0.007	8.00	0.8	0.0215	0.038	351.0	4500<=>
820809	1235	48728	2.830	0.81	0.013	8.27	0.6<T	0.0930	0.130	361.0	12000<=>
820908	0920	48817		0.54	0.003	8.00	0.8	0.0430	0.086	395.0	23000
821014	1040	48872	3.080	0.67	0.003<	8.01	1.2	0.0790	1.640	412.0	13000
821116	1310	48916	2.290	0.370	0.008	8.11	0.2<W	0.0200	0.029	409.0	1500
821207	1110	48955	2.550	0.470	0.005	8.20	0.2<W	0.0170	0.036	398.0	3100
		MAXIMUM	3.520	0.88	0.013	8.57	1.2	0.0930	1.640	419	44000
		ARITH MEAN	2.301	0.55	0.007	8.12	1 <A	0.041	0.212	375	11406
		GEOM MEAN	1.736	0.53		8.11	1 <A	0.034	0.088	370	4359
		MINIMUM	0.060	0.370	0.003	7.67	0.2	0.0170	0.029	205	260
		STD DEV (GEOM *)	1.001	0.16		0.27	0 <A	0.027	0.453	58	5*
		# SAMP IN STATISTICS	11	12	10	12	12	12	12	12	12
		% SAMP (EXCLUDED)			16						

(C O N T D)

B.O.W./ SITE: LYNN RIVER
 SAMPLE POINT: AT DE COU ROAD SIMCOE UL-20
 STATION TYPE: RIVER

STATION ID: 16-0159-003-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: LYNN RIVER

STORET CODE: 02
 003
 0650

LAT: 42 49 24.43 LONG: 080 17 21.05

U T M: 17 0558105.0 4741240.0 4

REGION: 02

DISTANCE: 11.426

*INTERIM TEST-NAME:		TCMFBK	TURB	ZNUT	
		COLIFORM			
		TOTAL MF		ZINC	
		BCKGRD		UNF.TOT.	
SAMPLE		CNT	TURB'ITY	MG/L	
DATE	HOUR		FTU	AS ZN	
YYMMDD	LMT	SAMPLE NUMBER	/100ML		
820118	0955	48312	1900	5.50	0.026
820211	1015	48383	510	7.30	0.014
820316	0930	48442	120000	16.90	0.015U
820426	1000	48522	7200	17.40	0.015
820511	1015	48561	17000	8.30	0.050
820624	1210	48620	62000	7.30	0.007
820714	0915	48683	80000	6.90	0.010
820809	1235	48728	1720000	4.70	0.010
820908	0920	48817	58000	4.40	0.005
821014	1040	48872	200000	3.50	0.006
821116	1310	48916	11000	2.70	0.006
821207	1110	48955	5500	2.70	0.009
MAXIMUM		1720000		17.40	0.050
ARITH MEAN		190259		7.30	0.014
GEOM MEAN		25756		6.09	0.011
MINIMUM		510		2.70	0.005
STD DEV (GEOM *)		9*		4.96	0.013
# SAMP IN STATISTICS		12		12	12
% SAMP (EXCLUDED)					

B.O.W./ SITE: LYNN RIVER

SAMPLE POINT: AT VICTORIA STREET SIMCOE

STATION TYPE: RIVER FLOW GAUGE FED 02GC008

MAJOR BASIN: GREAT LAKES

MINOR BASIN: LAKE ERIE

TERM STREAM: LYNN RIVER

STATION ID: 16-0159-008-02

STORET CODE: 02

003

0650

LAT: 42 50 03.89 LONG: 080 17 59.36

U T M: 17 0557225.0 4742450.0 4

REGION: 02

DISTANCE: 13.357

*INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	CLIDUR	COD	COND25	DO	DOC	FCMF	FEUT
				ALK	CHLORIDE	CHEM. OX	CONDUCT.	DISOLVED	DISOLVED	COLIFORM	IRON
SAMPLE		SAMPLE	PROJECT	TOTAL	UNF.REAC	DEMAND	25C	OXYGEN	ORGANIC	MF	UNF.TOT.
DATE	HR	DEPTH	SUB-PROJ	MG/L	MG/L	MG/L	UMHO/CM	MG/L	MG/L	CNT	MG/L
YYMMDD	LMT	M	CODE	AS CAC03	AS CL	AS O	AT 25 C	AS O	AS C	/100ML	AS FE
820118	1005	48313	0101		22.00	0	585	12.60	2.4	10<=>	
820211	1025	48384	0101		24.50	6	580	13.20	1.8	20	
820316	0940	48443	0101		8.60	12	297	12.70	4.8	390	
820426	1010	48523	0101		16.00	15	531.0	9.30	3.8	300	
820511	1020	48562	0101		16.20	2	528.0	9.80	3.3	130	
820624	1220	48621	0101		13.90	14	519.0	15.80	4.4	400	
820714	0925	48684	0101		16.90	14	516.0	10.60	2.6	1220	
820809	1245	48729	0101		17.40	6	498.0	8.50	3.0	680	
820908	0935	48818	0101	194.7	17.30	12	523.0	9.60	2.2	820	0.275
821014	1050	48873	0101		17.80	5.0<T	536.0	9.4	2.6	1260	
821116	1320	48917	0101		17.70	21.0	563.0	12.10	3.2	100	
821207	1120	48956	0101		15.80	20.9	523.0	10.60	4.4	270	
MAXIMUM		0.30		194.7	24.50	21.0	585	15.80	4.8	1260	0.275
ARITH MEAN		0.30		194.7	17.01	11 <A	517	11.2	3.2	467	0.275
GEOM MEAN					16.55		510	11.0	3.1	235	
MINIMUM		0.30		194.7	8.60	0	297	8.50	1.8	10	0.275
STD DEV (GEOM *)					3.88		74	2.1	1.0	5*	
# SAMP IN STATISTICS		11		1	12	12	12	12	12	12	1
% SAMP (EXCLUDED)											

*INTERIM TEST-NAME:		FSMF	FWFLOW	FWPH	FWSTRC	FWTEMP	NNHTFR	NNOTFR	NN02FR	NN03FR	NNTKUR
		FECAL					NH3-N				K'DAHL N
		STREPCUS	STREAM				TOTAL	NO2+NO3N	NO2-N	NO3-N	TOTAL
SAMPLE		MF	FLOW	PH	STREAM	WATER	FIL.REAC	FIL.REAC	FIL.REAC	FIL.REAC	FIL.TOT.
DATE	HR	CNT	M3	FIELD	COND.	TEMP	MG/L	MG/L	MG/L	MG/L	MG/L
YYMMDD	LMT	/100ML	/S			DEG.C	AS N	AS N	AS N	AS N	AS N
820118	1005	30<=>	1.200	8.35	8	2.0	0.112	2.150	0.020	2.130	0.32
820211	1025	24	0.995	7.80	8	4.0	0.034	2.250	0.091	2.160	0.31
820316	0940	48443	630	8.780	3	3.5	0.232	1.100	0.024	1.080	0.80
820426	1010	48523	90<=>	2.580	8	10.5	0.002<W	1.400	0.0030	1.395	0.45
820511	1020	48562	50<=>	1.980	8	12.5	0.040	1.300	0.0170	1.285	0.38
820624	1220	48621	240	2.600	8	15.0	0.004<T	1.450	0.0010<T	1.450	0.44
820714	0925	48684	990	1.250	8	18.0	0.006	1.250	0.0620	1.190	0.34
820809	1245	48729	290	1.510	8	19.0	0.006	1.350	0.0950	1.250	0.43
820908	0935	48818	3000>	1.010	8	13.5	0.040	1.400	0.0380	1.360	0.40
821014	1050	48873	980	1.290	8	13.0	0.004<T	1.400	0.0745	1.33	0.36
821116	1320	48917	50<=>	2.170	8	5.5	0.004<T	2.000	0.0330	1.970	0.370
821207	1120	48956	270	3.850	8	6.5	0.002<T	2.200	0.0070	2.190	0.375

(C O N T D)

STORET CODE: 02
003
0650

DISTANCE: 13.357

[illegible]

B.O.W./ SITE: LYNN RIVER
 SAMPLE POINT: AT QUEEN STREET PORT DOVER
 STATION TYPE: RIVER

STATION ID: 16-0159-009-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: LYNN RIVER

STORET CODE: 02
 003
 0650

LAT: 42 47 53.82 LONG: 080 12 49.37 U T M: 17 0564300.0 4738500.0 4 REGION: 02 DISTANCE: 2.897

*=INTERIM	TEST-NAME:	FWSADP	FGPROJ	ALKT	ASUT	CAUR	CLIDUR	COLAP	COND25	CRUT	CUUT
SAMPLE				ALK	ARSENIC	CALCIUM	CHLORIDE	COLOUR	CONDUCT.	CHROMIUM	COPPER
DATE	HOUR	SAMPLE	DEPTH	TOTAL	UNF.TOT.	UNF.REAC	UNF.REAC	COLOUR	25C	UNF.TOT.	UNF.TOT.
YYMMDD	LMT	NUMBER	M	MG/L	MG/L	MG/L	MG/L	APPARENT	UMHO/CM	MG/L	MG/L
				AS CACO3	AS AS	AS CA	AS CL	HZU	AT 25 C	AS CR	AS CU
820118	1220	48318	0.30	0101	214		34.00		660		0.009
820211	1230	48389	0.30	0101	209		46.00		670		0.006
820316	1140	48448	0.30	0101	107		11.00		308		0.010
820426	1210	48528	0.30	0101	193.4		22.20		566.0		0.010
820511	1210	48567	0.30	0101	183.9		9.20		541.0		0.007
820624	1415	48626	0.30	0101	197.4		20.00		528.0		0.006
820714	1135	48689	0.30	0101	194.2		28.40		555.0		0.020
820809	1430	48734	0.30	0101	181.8	0.001<	24.00	16.3	512.0	0.003	0.018
820908	1155	48823	0.30	0101	208.8		17.90		615.0		0.007
821014	1240	48878		0101	202.9		29.80		594.0		0.002
821116	0940	48922	0.30	0101	206.0		25.50		605.0		0.011
821207	1305	48961	0.30	0101	195.5		19.90		544.0		0.002
		MAXIMUM	0.30		214		72.2	16.3	670	0.003	0.020
		ARITH MEAN	0.30		191		72.2	16.3	558	0.003	0.009
		GEOM MEAN			189		22.02		549		0.007
		MINIMUM	0.30		107		9.20	16.3	308	0.003	0.002
		STD DEV (GEOM *)			28		10.00		93		0.005
		# SAMP IN STATISTICS	11		12		1	1	12	1	12
		% SAMP (EXCLUDED)									

*=INTERIM	TEST-NAME:	DO	FCMF	FEUT	FSMF	FVPH	FWSTRC	FWTEMP	KKUR	MGUR	NAUR
SAMPLE		DISOLVED	FECAL	IRON	FECAL				POTASSIM	MAGNESIM	SODIUM
DATE	HOUR	OXYGEN	COLIFORM	UNF.TOT.	STREPCUS			WATER	UNF.REAC	FIL.REAC	UNF.REAC
YYMMDD	LMT	MG/L	MF	MG/L	MF	PH	STREAM	TEMP	MG/L	MG/L	MG/L
		AS O	CNT	AS FE	CNT	FIELD	COND.	DEG.C	AS K	AS MG	AS NA
820118	1220	48318	13.00	10<	0.95	100	7.30	4	2.0		
820211	1230	48389	13.40	32	0.26	16	8.25	4	3.5		
820316	1140	48448	12.20	1300	2.30	720	7.65	3	4.0		
820426	1210	48528	9.70	60<=>	0.360	20<=>	7.80	8	11.0		
820511	1210	48567	12.00	10<	0.210	20<=>		8	15.0		
820624	1415	48626	15.00	260	0.550	190	8.35	8	17.0		
820714	1135	48689	11.80	90<=>	0.235	70<=>	8.05	8	19.5		
820809	1430	48734	8.70	200	0.355	70<=>	8.30	8	22.0	1.82	11.40
820908	1155	48823	10.50	170	0.245	130	8.25	8	15.0		
821014	1240	48878	10	160	0.265	320	8.1	8	13		
821116	0940	48922	11.80	220	0.250	80<=>	8.40	8	5.0		
821207	1305	48961	11.2	120	0.430	130	8.2	8	7.0		

(C O N T D)

B.O.W./ SITE: LYNN RIVER
 SAMPLE POINT: AT QUEEN STREET PORT DOVER
 STATION TYPE: RIVER

STATION ID: 16-0159-009-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: LYNN RIVER

STORET CODE: 02
 003
 0650

LAT: 42 47 53.82 LONG: 080 12 49.37

U T M: 17 0564300.0 4738500.0 4

REGION: 02

DISTANCE: 2.897

*=INTERIM TEST-NAME:		DO	FCMF FECAL COLIFORM	FEUT IRON UNF.TOT.	FSMF FECAL STREPCUS	FWPH	FWSTRC	FWTEMP	KKUR	MGUR	NAUR
		DISOLVED OXYGEN	MF CNT	MG/L AS FE	MF CNT	PH FIELD	STREAM COND.	WATER TEMP DEG.C	POTASSIM UNF.REAC MG/L AS K	MAGNESIM FIL.REAC MG/L AS MG	SODIUM UNF.REAC MG/L AS NA
SAMPLE DATE	HOUR LMT	SAMPLE NUMBER	MG/L AS O	/100ML	/100ML						
		MAXIMUM	15.00	1300	2.30	720	8.40	22.0	1.82	13.00	11.40
		ARITH MEAN	12	261	0.53	155	8.1	11	1.82	13.00	11.40
		GEOM MEAN	11		0.39	87	8.1	9			
		MINIMUM	8.70	32	0.210	16	7.30	2.0	1.82	13.00	11.40
		STD DEV (GEOM *)	2		0.59	3*	0.3	7			
		# SAMP IN STATISTICS	12	10	12	12	11	12	1	1	1
		% SAMP (EXCLUDED)		16							

*=INTERIM TEST-NAME:		NIUT	NNHTFR NH3-N TOTAL	NNOTFR NO2+NO3N FIL.REAC	NN02FR NO2-N FIL.REAC	NN03FR NO3-N FIL.REAC	NNTKUR K'DAHL N TOTAL	PBUT	PH	PP04FR P04 FIL.REAC	PPUT PHOSPHOR UNF.TOT.
		NICKEL UNF.TOT.	MG/L AS N	MG/L AS N	MG/L AS N	MG/L AS N	MG/L AS N	LEAD UNF.TOT. MG/L AS PB		MG/L AS P	MG/L AS P
SAMPLE DATE	HOUR LMT	SAMPLE NUMBER	MG/L AS NI	MG/L AS N	MG/L AS N	MG/L AS N	MG/L AS N	MG/L AS PB	PH	MG/L AS P	MG/L AS P
820118	1220	48318		4.950	0.600	4.350		0.011	7.83	0.095	0.245
820211	1230	48389		0.030	3.700	0.063	3.640	0.003<	8.24	0.017	0.036
820316	1140	48448		0.236	1.350	0.045	1.300	0.005	7.70	0.040	0.208
820426	1210	48528		0.002<W	2.050	0.0020<T	2.050	0.003<	8.26	0.0090	0.028
820511	1210	48567		0.002<T	1.950	0.0380	1.910	0.016	8.36	0.0140	0.026
820624	1415	48626		0.004<T	1.600	0.0010<T	1.600	0.006	8.37	0.0265	0.022
820714	1135	48689		0.006	1.550	0.0900	1.460	0.011	8.39	0.0270	0.021
820809	1430	48734	0.001	0.002				0.006	8.26		
820908	1155	48823		0.050	1.850	0.0800	1.770	0.003<	8.39	0.1300	0.156
821014	1240	48878		0.004<T	0.245	0.0110	0.234	0.003<	8.30	0.0670	0.091
821116	0940	48922		0.004<T	2.550	0.0050<T	2.550	0.009	8.23	0.0220	0.033
821207	1305	48961		0.002<W	2.650	0.0005<T	2.650	0.003<	8.25	0.0160	0.039
		MAXIMUM	0.001	0.236	4.950	0.600	4.350	0.016	8.39	0.1300	0.245
		ARITH MEAN	0.001	0.031<A	2.222	0.085 <A	2.138	0.009	8.21	0.042	0.082
		GEOM MEAN		0.007<A	1.826	0.017 <A	1.768	0.42	8.21	0.030	0.054
		MINIMUM	0.001	0.002	0.245	0.0005	0.234	0.005	7.70	0.0090	0.021
		STD DEV (GEOM *)		0.070<A	1.252	0.174 <A	1.134	0.25	0.22	0.039	0.082
		# SAMP IN STATISTICS	1	11	11	11	11	10	7	12	11
		% SAMP (EXCLUDED)						41			

(C O N T D)

B.O.W./ SITE: LYNN RIVER
 SAMPLE POINT: AT QUEEN STREET PORT DOVER
 STATION TYPE: RIVER

STATION ID: 16-0159-009-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: LYNN RIVER

STORET CODE: 02
 003
 0650

LAT: 42 47 53.82 LONG: 080 12 49.37 U T M: 17 0564300.0 4738500.0 4 REGION: 02 DISTANCE: 2.897

*=INTERIM TEST-NAME:		RSF	RSP	SS04UR	TCMF	TCMFBK	TURB	ZNUT
					COLIFORM	COLIFORM		
					TOTAL	TOTAL MF		
					MF	BCKGRD		ZINC
SAMPLE		RESIDUE	RESIDUE	SULPHATE				UNF.TOT.
DATE	HR	FILTERED	PARTIC.	UNF.REAC				MG/L
YYMMDD	LMT	MG/L	MG/L	MG/L	CNT	CNT	TURB'ITY	AS ZN
				AS S04	/100ML	/100ML	FTU	
820118	1220	48318	416		2900	12000	9.10	0.025
820211	1230	48389	431		570	1190	2.70	0.008
820316	1140	48448	200		38000	53000	40.00	0.024
820426	1210	48528	374.0		1300	5200	3.60	0.005
820511	1210	48567	347.0		80<=>	24000>	3.30	0.006
820624	1415	48626	381.0		6700	260	9.80	0.006
820714	1135	48689	346.0		590<=>	7000	2.70	0.011
820809	1430	48734	338.0	58.7	1000	14200		0.010
820908	1155	48823	403.0		2900	18000	1.43	0.003
821014	1240	48878	393.0		4500<=>	100000	1.65	0.003
821116	0940	48922	405.0		1140<=>	5200	2.40	0.004
821207	1305	48961	423.0		4500	3800	4.10	0.005
MAXIMUM		431	85.0	58.7	38000	100000	40.00	0.025
ARITH MEAN		371	15.2	58.7	5348	19986	7.34	0.009
GEOM MEAN		365	9.3		1861		4.20	0.007
MINIMUM		200	4.070	58.7	80	260	1.43	0.003
STD DEV (GEOM *)		62	22.6		5*		11.19	0.008
# SAMP IN STATISTICS		12	12	1	12	11	11	12
% SAMP (EXCLUDED)						8		

B.O.W./ SITE: CENTRE CREEK
 SAMPLE POINT: AT FIRST ROAD UPSTREAM FROM LAKE ERIE
 STATION TYPE: RIVER

STATION ID: 16-0163-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: CENTRE CREEK

STORET CODE: 02
 003
 0596

LAT: 42 47 23.39 LONG: 080 06 18.02 U T M: 17 0573200.0 4737650.0 4 REGION: 02 DISTANCE: 0.161

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	ALUT	ASUT	BOD5 BOD 5 DAY	CAUR	CCNAUR CYANIDE AVAIL	CDUT	CLIDUR
SAMPLE DATE	HR	SAMPLE DEPTH	PROJECT SUB-PROJ	ALK TOTAL MG/L	ALUMINUM UNF.TOT. MG/L	ARSENIC UNF.TOT. MG/L	TOT.DEM. MG/L	CALCIUM UNF.REAC MG/L	UNF.REAC MG/L	CADMIUM UNF.TOT. MG/L	CHLORIDE UNF.REAC MG/L
YYMMDD	LMT	NUMBER	CODE	AS CAC03	AS AL	AS AS	AS O	AS CA	AS HCN	AS CD	AS CL
820118	1310	48319	0101	102		0.001		56.0	0.010		133.00
820211	1335	48390	0101	94		0.002		49.0	0.005		153.00
820316	1200	48449	0101	85		0.001		39.0	0.008		57.00
820426	1230	48529	0101	74.4		0.001		73.9	0.020		113.00
820511	1330	48568	0101	91.6		0.001<		45.6	0.005<T		90.00
820624	1500	48627	0101	91.7		0.001<		63.9	0.005<T		137.00
820714	1315	48690	0101	85.8		0.001<		51.6	0.005		103.00
820809	1505	48735	0101	93.4	0.380	0.001<	0.94	55.1	0.005<T	0.0004	57.00
820908	1210	48824		77.6		0.001<		74.8	0.017		145
821014	1300	48879	0101	81.0		0.001		87.9	0.001<W		154.00
821116	0925	48923	0101	85.5		0.001		89.3	0.011		174.00
821207	1415	48962	0101	91.1		0.001<		74.3	0.020		85.50
MAXIMUM		0.30		102	0.380	0.002	0.94	89.3	0.020	0.0004	174.00
ARITH MEAN		0.30		88	0.380	0.001	0.94	63.4	0.009<A	0.0004	117
GEOM MEAN				87				61.4	0.007<A		110
MINIMUM		0.30		74.4	0.380	0.001	0.94	39.0	0.001	0.0004	57.00
STD DEV (GEOM *)				8				16.5	0.006<A		39
# SAMP IN STATISTICS		11		12	1	6	1	12	12	1	12
% SAMP (EXCLUDED)						50					

*=INTERIM TEST-NAME:		COLAP	COLTR	COND25	CRUT	CUUT	DO	FEUT	FVPH	FWSTRC	FWTEMP
SAMPLE DATE	HR	COLOUR APPARENT	COLOUR TRUE	CONDUCT. 25C UMHQ/CM	CHROMIUM UNF.TOT. MG/L	COPPER UNF.TOT. MG/L	DISOLVED OXYGEN MG/L	IRON UNF.TOT. MG/L	PH FIELD	STREAM COND.	WATER TEMP DEG.C
YYMMDD	LMT	HZU	HZU	AT 25 C	AS CR	AS CU	AS O	AS FE			
820118	1310	48319	9.4	800	0.006	0.009	13.00	0.95	7.3	8	2.5
820211	1335	48390	4.4	940	0.005	0.010	12.90	0.40	8.30	8	5.5
820316	1200	48449		470	0.011U	0.006U	12.00	2.10	7.80	3	5.0
820426	1230	48529	-1.8	858.0	0.001	0.012	12.40	0.475	8.30	5 0	10.0
820511	1330	48568	14.2	569.0	0.003	0.005	12.60	0.290		8	13.5
820624	1500	48627	22.9	810.0	0.002	0.007	16.20	0.585	8.70	8	17.5
820714	1315	48690	15.4	640.0	0.001<	0.005	12.70	0.465	8.60	8	22.0
820809	1505	48735	14.1	711.0	0.003	0.012	8.4	1.150	8.5	8	24.0
820908	1210	48824	14.9	826	0.003	0.009	11.5	0.240	8.60	8	19.0
821014	1300	48879	8.4	968.0	0.005	0.012	9.2	0.315	8.3	8	17
821116	0925	48923	17.3	1010.0	0.003	0.011	10.60	0.945	8.20	8	8.0
821207	1415	48962	29.2	730.0	0.006	0.011	11.20	4.350	8.05	8	8.5

(C O N T D)

B.O.W./ SITE: CENTRE CREEK
 SAMPLE POINT: AT FIRST ROAD UPSTREAM FROM LAKE ERIE
 STATION TYPE: RIVER

STATION ID: 16-0163-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: CENTRE CREEK

STORET CODE: 02
 003
 0596

LAT: 42 47 23.39 LONG: 080 06 18.02 U T M: 17 0573200.0 4737650.0 4 REGION: 02 DISTANCE: 0.161

*=INTERIM TEST-NAME:		COLAP	COLTR	COND25	CRUT	CUUT	DO	FEUT	FVPH	FWSTRC	FWTEMP
		COLOUR	COLOUR	CONDUCT.	CHROMIUM	COPPER	DISOLVED	IRON			
SAMPLE		APPARENT	TRUE	25C	UNF.TOT.	UNF.TOT.	OXYGEN	UNF.TOT.			WATER
DATE	HOUR			UMHO/CM	MG/L	MG/L	MG/L	MG/L	PH	STREAM	TEMP
YYMMDD	LMT	SAMPLE	HZU	AT 25 C	AS CR	AS CU	AS O	AS FE	FIELD	COND.	DEG.C
		NUMBER									
		MAXIMUM	29.2	37.2	1010.0	0.011	0.012	16.20	4.350	8.70	24.0
		ARITH MEAN	13.5	37.2	778	0.004	0.009	11.9	1.02	8.2	13
		GEOM MEAN			761		0.009	11.7	0.69	8.2	11
		MINIMUM	-1.8	37.2	470	0.001	0.005	8.4	0.240	7.3	2.5
		STD DEV (GEOM *)			163		0.003	2.0	1.17	0.4	7
		# SAMP IN STATISTICS	11	1	12	11	12	12	12	11	12
		% SAMP (EXCLUDED)				8					

*=INTERIM TEST-NAME:		HARDT	KKUR	MGUR	MNUT	NAUR	NIUT	NNHTFR	NNOTFR	NNO2FR	NNO3FR
		HARDNESS	POTASSIM	MAGNESIM	MANGANESE	SODIUM	NICKEL	NH3-N			
SAMPLE		TOTAL	UNF.REAC	FIL.REAC	UNF.TOT.	UNF.REAC	UNF.TOT.	TOTAL	NO2+NO3N	NO2-N	NO3-N
DATE	HOUR	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	FIL.REAC	FIL.REAC	FIL.REAC	FIL.REAC
YYMMDD	LMT	AS CACO3	AS K	AS MG	AS MN	AS NA	AS NI	MG/L	MG/L	MG/L	MG/L
		NUMBER						AS N	AS N	AS N	AS N
820118	1310	48319	6.20	10.00		84.0	0.005	0.056			
820211	1335	48390	20.10	12.00		101.0	0.003	0.620			
820316	1200	48449	7.90	8.00		35.0	0.0070	0.198			
820426	1230	48529	21.60	10.70		64.00	0.001<	0.004<T			
820511	1330	48568	6.40	8.90		48.10	0.002	0.140			
820624	1500	48627	12.50	11.00		70.70	0.002	0.206			
820714	1315	48690	6.56	8.96		55.40	0.001<	0.186			
820809	1505	48735	180.0	7.86	10.30	0.082	58.00	0.002	0.092	0.460	0.1650
820908	1210	48824		8.36	9.90		68.1	0.001	228		0.295
821014	1300	48879		8.80	11.30		82.80	0.004	0.108		
821116	0925	48923		16.00	11.50		87.30	0.004	0.010		
821207	1415	48962		11.70	10.50		47.20	0.004	0.018		
		MAXIMUM	180.0	21.60	12.00	0.082	101.0	0.007	228	0.460	0.1650
		ARITH MEAN	180.0	11.16	10.25	0.082	66.8	0.003	19	0.460	0.1650
		GEOM MEAN		10.16	10.19		64.1		0		0.295
		MINIMUM	180.0	6.20	8.00	0.082	35.0	0.001	0.004	0.460	0.1650
		STD DEV (GEOM *)		5.37	1.18		19.4		66		0.295
		# SAMP IN STATISTICS	1	12	12	1	12	10	12	1	1
		% SAMP (EXCLUDED)						16			

(CONTD)

B.O.W./ SITE: CENTRE CREEK
 SAMPLE POINT: AT FIRST ROAD UPSTREAM FROM LAKE ERIE
 STATION TYPE: RIVER

STATION ID: 16-0163-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: CENTRE CREEK

STORET CODE: 02
 003
 0596

LAT: 42 47 23.39 LONG: 080 06 18.02 U T M: 17 0573200.0 4737650.0 4 REGION: 02 DISTANCE: 0.161

*INTERIM TEST-NAME:		NNTKUR	PBUT	PH	PHNOL	PP04FR	PPUT	RSF	RSP	SS04UR	TURB
		K'DAHL N									
		TOTAL	LEAD		PHENOLS	P04	PHOSPHOR			SULPHATE	
SAMPLE		FIL.TOT.	UNF.TOT.		UNF-REAC	FIL.REAC	UNF.TOT.	RESIDUE	RESIDUE	UNF.REAC	
DATE	HOUR	MG/L	MG/L		UG/L	MG/L	MG/L	FILTERED	PARTIC.	MG/L	TURB'ITY
YYMMDD	LMT	AS N	AS PB	PH	PHENOL	AS P	AS P	MG/L	MG/L	AS S04	FTU
820118	1310	48319	0.011	8.00	2			451	23.0	100.0	
820211	1335	48390	0.008	8.08	2			556	9.7	125.0	
820316	1200	48449	0.003<	7.86	1			290	46.3	59.0	
820426	1230	48529	0.003<	7.36	4.0			538.0	23.600	168.0	
820511	1330	48568	0.010	8.40	0.2<W			336.0	7.000	58.0	
820624	1500	48627	0.011	8.16	1.2			527.0	11.200	107.0	
820714	1315	48690	0.003<	8.45	3.8			373.0	12.200	36.3	
820809	1505	48735	0.010	8.17	0.4<T	0.4225	0.485	438.0	23.100	85.5	18.30
820908	1210	48824	0.003<	8.14	0.8			552	7.51	148.7	
821014	1300	48879	0.004	8.19	1.2			658.0	9.060	167.7	
821116	0925	48923	0.016	7.88	0.4<T			657.0	16.700	178.40	
821207	1415	48962	0.008	7.88	0.4<T			516.0	60.300	141.60	
MAXIMUM		0.70	0.016	8.45	4.0	0.4225	0.485	658.0	60.300	178.40	18.30
ARITH MEAN		0.70	0.010	8.05	1 <A	0.4225	0.485	491	20.8	114.6	18.30
GEOM MEAN				8.04	1 <A			477	16.4	103.5	
MINIMUM		0.70	0.004	7.36	0.2	0.4225	0.485	290	7.000	36.3	18.30
STD DEV (GEOM *)				0.29	1 <A			117	16.6	47.9	
# SAMP IN STATISTICS		1	8	12	12	1	1	12	12	12	1
% SAMP (EXCLUDED)			33								

*INTERIM TEST-NAME:		ZNUT
		ZINC
SAMPLE		UNF.TOT.
DATE	HOUR	MG/L
YYMMDD	LMT	AS ZN
820118	1310	48319
820211	1335	48390
820316	1200	48449
820426	1230	48529
820511	1330	48568
820624	1500	48627
820714	1315	48690
820809	1505	48735
820908	1210	48824
821014	1300	48879
821116	0925	48923
821207	1415	48962

(C O N T D)

B.O.W./ SITE: CENTRE CREEK
SAMPLE POINT: AT FIRST ROAD UPSTREAM FROM LAKE ERIE
STATION TYPE: RIVER

STATION ID: 16-0163-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: CENTRE CREEK

STORET CODE: 02
003
0596

LAT: 42 47 23.39 LONG: 080 06 18.02

U T M: 17 0573200.0 4737650.0 4 REGION: 02

DISTANCE: 0.161

*=INTERIM TEST-NAME: ZNUT
ZINC
SAMPLE UNF.TOT.
DATE HOUR SAMPLE MG/L
YYMMDD LMT NUMBER AS ZN

MAXIMUM 0.031
ARITH MEAN 0.019
GEOM MEAN 0.017
MINIMUM 0.006
STD DEV (GEOM *) 0.008
SAMP IN STATISTICS 12
% SAMP (EXCLUDED)

B.O.W./ SITE: NANTICOKE CREEK
 SAMPLE POINT: AT COUNTY ROAD NO 11 NANTICOKE
 STATION TYPE: RIVER FLOW GAUGE FED 02GC022

STATION ID: 16-0164-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: NANTICOKE CREEK

STORET CODE: 02
 003
 0550

LAT: 42 48 37.14 LONG: 080 04 35.68

U T M: 17 0575500.0 4739950.0 4

REGION: 02

DISTANCE: 1.609

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	BOD5	CLIDUR	COD	COND25	CUUT	DO	DOC	
					BOD						CARBON	
				ALK	5 DAY	CHLORIDE	CHEM. OX	CONDUCT.	COPPER	DISOLVED	DISOLVED	
		SAMPLE	PROJECT	TOTAL	TOT.DEM.	UNF.REAC	DEMAND	25C	UNF.TOT.	OXYGEN	ORGANIC	
DATE	HOUR	DEPTH	SUB-PROJ	MG/L	MG/L	MG/L	MG/L	UMHO/CM	MG/L	MG/L	MG/L	
YYMMDD	LMT	M	CODE	AS CAC03	AS O	AS CL	AS O	AT 25 C	AS CU	AS O	AS C	
820114	1225	48328	0.30	0101	227	1.4	26.50	15	640	0.008	9.20	4.1
820208	1330	48373	0.30	0101	236		35.50	32	710	0.007	11.80	3.5
820304	1125	48423	0.30	0101	236	0.8	37.00	8	720	0.018	11.50	4.1
820419	0950	48508	0.30	0101	185.7	1.00	26.50	23	580	0.008	11.40	5.0
820527	1215	48600	0.30	0101	178.5	0.81	29.60	16	531.0	0.008	8.60	5.7
820624	1510	48636	0.30	0101	203.9	1.46	25.40	28	571.0	0.013	14.00	6.0
820708	1530	48681	0.30	0101	164.3	1.83	26.40	30	473.0	0.009	13.40	5.5
820809	1515	48726	0.30	0101	163.5	2.08	59.00	26	581.0	0.001<	9.50	5.8
820907	1140	48815	0.30	0101	175.7	2.11	42.80	18	576.0		8.70	5.0
821019	1145	48869	0.30	0101	198.6		31.60	27.5	619.0	0.007	10.70	4.7
821125	1130	48943	0.30	0101	173.3		25.30	19.6	541.0	0.014	12.30	5.7
821207	1420	48953	0.30	0101	182.0		24.30	28.9	543.0	0.008	11.20	5.8
MAXIMUM		0.30		236	2.11	59.00	32	720	0.018	14.00	6.0	
ARITH MEAN		0.30		194	1.4	32.49	23	590	0.010	11.02	5.1	
GEOM MEAN				192	1.3	31.34	21	586		10.90	5.0	
MINIMUM		0.30		163.5	0.8	24.30	8	473.0	0.007	8.60	3.5	
STD DEV (GEOM *)				27	0.5	10.12	7	72		1.76	0.8	
# SAMP IN STATISTICS		12		12	8	12	12	12	10	12	12	
% SAMP (EXCLUDED)									9			

*=INTERIM TEST-NAME:		FCMF	FEUT	FSMF	FWFLOW	FWPH	FWSTRC	FWTEMP	NNHTFR	NNOTFR	NN02FR	
		FECAL	IRON	FECAL	STREAM				NH3-N			
		COLIFORM	UNF.TOT.	STREPCUS	FLOW			WATER	TOTAL	NO2+NO3N	NO2-N	
		MF	MG/L	MF	PH			FIL.REAC	FIL.REAC	FIL.REAC		
DATE	HOUR	CNT	AS FE	CNT	FIELD	COND.	TEMP	MG/L	MG/L	MG/L		
YYMMDD	LMT	/100ML		/100ML	/S		DEG.C	AS N	AS N	AS N		
820114	1225	48328	10<=>	0.18	40<=>	0.580	7.30	4	2.5	0.146	2.500	0.018
820208	1330	48373	10<=>	0.34	10<=>	0.218	6.80	4	2.0	0.054	2.300	0.215
820304	1125	48423	10<	0.38	10<=>	0.203	7.70	4	3.0	0.238	2.150	0.021
820419	0950	48508	50<=>	1.600	40<=>	2.740	7.80	3	9.0	0.004<T	3.400	0.0360
820527	1215	48600	340	1.450	280	1.180	7.90	3	18.0	0.004<T	0.770	0.0140
820624	1510	48636	280	4.905	220	2.730	8.30	3	21.0	0.012	4.150	0.0050
820708	1530	48681	250	1.205	40<=>	0.692	8.40	8	27.5	0.084	0.135	0.0195
820809	1515	48726	130	2.465	70<=>	0.499	8.55	8	26.0	0.008	0.350	0.0330
820907	1140	48815	200	1.960	160	0.243	8.00	8	16.0	0.058	0.100	0.0870
821019	1145	48869	80<=>	1.040	20<=>	0.531	8.15	8	11.5	0.002<T	0.745	0.0030
821125	1130	48943	430	3.650	1020	5.020	8.30	3	4.5	0.012	4.450	0.0105
821207	1420	48953	360	2.775	650	5.540	8.25	3	6.5	0.024	4.300	0.0115

(C O N T D)

B.O.W./ SITE: NANTICOKE CREEK
 SAMPLE POINT: AT COUNTY ROAD NO 11 NANTICOKE
 STATION TYPE: RIVER FLOW GAUGE FED 02GC022

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: NANTICOKE CREEK

STATION ID: 16-0164-001-02

STORET CODE: 02
 003
 0550

LAT: 42 48 37.14 LONG: 080 04 35.68 U T M: 17 0575500.0 4739950.0 4 REGION: 02 DISTANCE: 1.609

*=INTERIM TEST-NAME:			FCMF FECAL COLIFORM	FEUT IRON UNF.TOT.	FSMF FECAL STREPCUS	FWFLOW STREAM FLOW	FWPH PH FIELD	FWSTRC STREAM COND.	FWTEMP WATER TEMP	NNHTFR NH3-N TOTAL FIL.REAC	NNOTFR NO2+NO3N FIL.REAC	NN02FR NO2-N FIL.REAC
DATE	HOUR	SAMPLE NUMBER	MF CNT /100ML	MG/L AS FE	MF CNT /100ML	M3 /S			DEG.C	MG/L AS N	MG/L AS N	MG/L AS N
MAXIMUM			430	4.905	1020	5.540	8.55		27.5	0.238	4.450	0.215
ARITH MEAN			195	1.83	213	1.681	7.95		12.3	0.054<A	2.112	0.039
GEOM MEAN				1.26	79	0.900	7.94		8.7	0.021<A	1.201	0.020
MINIMUM			10	0.18	10	0.203	6.80		2.0	0.002	0.100	0.0030
STD DEV (GEOM *)				1.43	5*	1.903	0.50		9.2	0.072<A	1.678	0.060
# SAMP IN STATISTICS			11	12	12	12	12		12	12	12	12
% SAMP (EXCLUDED)			8									

*=INTERIM TEST-NAME:			NN03FR NO3-N FIL.REAC	NNTKUR K'DAHL N TOTAL FIL.TOT.	PBUT LEAD UNF.TOT.	PH PH	PHNOL PHENOLS UNF-REAC	PP04FR P04 FIL.REAC	PPUT PHOSPHOR UNF.TOT.	RSF RESIDUE FILTERED	RSP RESIDUE PARTIC.	SS04UR SULPHATE UNF.REAC
DATE	HOUR	SAMPLE NUMBER	MG/L AS N	MG/L AS N	MG/L AS PB		UG/L PHENOL	MG/L AS P	MG/L AS P	MG/L	MG/L	MG/L AS S04
820114	1225	48328	2.480	0.62	0.005	8.26	1 <T	0.022	0.030	406	2.1	87.0
820208	1330	48373	2.080	0.48	0.003<	8.08	1 <T	0.023	0.043	472	6.0	84.0
820304	1125	48423	2.130	0.72	0.003<	7.68	1 <T	0.026	0.050	464.0	5.900	83.0
820419	0950	48508	3.365	0.80	0.003<	8.31	1.0	0.0210	0.080	393.0	39.000	71.5
820527	1215	48600	0.755	0.70	0.003<	8.15	0.2<W	0.0150	0.088	375.0	26.500	62.1
820624	1510	48636	4.145	0.38	0.003<	8.39	0.4<T	0.0630	0.010	400.0	121.000	147.0
820708	1530	48681	0.115	0.98	0.003<	8.26	0.2<T	0.0170	0.143	339.0	38.500	50.0
820809	1515	48726	0.315	1.00	0.003<	7.41	0.4<T	0.4500	0.580	397.0	53.500	63.4
820907	1140	48815	0.013	1.02		8.32	0.2<T	0.0240	0.125	408.0	49.000	72.1
821019	1145	48869	0.742	0.43	0.004	8.27	0.2<W	0.0080	0.053	387.0	24.100	78.5
821125	1130	48943	4.440	0.825	0.003<	8.46	0.4<T	0.0790	0.165	382.0	49.400	61.92
821207	1420	48953	4.290	0.875	0.004	8.24	0.2<W	0.0580	0.140	385.0	43.800	60.70
MAXIMUM			4.440	1.02	0.005	8.46	1	0.4500	0.580	472	121.000	147.0
ARITH MEAN			2.072	0.74	0.004	8.15	1 <A	0.067	0.126	401	38.2	76.8
GEOM MEAN			0.978	0.70		8.15	0 <A	0.033	0.079	399	24.6	73.9
MINIMUM			0.013	0.38	0.004	7.41	0.2	0.0080	0.010	339.0	2.1	50.0
STD DEV (GEOM *)			1.688	0.22		0.31	0 <A	0.123	0.151	36	31.7	24.8
# SAMP IN STATISTICS			12	12	3	12	12	12	12	12	12	12
% SAMP (EXCLUDED)					72							

(CONT'D)

B.O.W./ SITE: NANTICOKE CREEK
 SAMPLE POINT: AT COUNTY ROAD NO 11 NANTICOKE
 STATION TYPE: RIVER FLOW GAUGE FED 02GC022

STATION ID: 16-0164-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: NANTICOKE CREEK

STORET CODE: 02
 003
 0550

LAT: 42 48 37.14 LONG: 080 04 35.68

U T M: 17 0575500.0 4739950.0 4

REGION: 02

DISTANCE: 1.609

*INTERIM TEST-NAME:		TCHF	TCMFBK	TURB	ZNUT	
		COLIFORM	COLIFORM			
		TOTAL	TOTAL MF		ZINC	
		MF	BCKGRD		UNF.TOT.	
SAMPLE					MG/L	
DATE	HOUR	SAMPLE	CNT	TURB'ITY	AS ZN	
YYMMDD	LMT	NUMBER	/100ML	FTU		
820114	1225	48328	750<=>	3300	3.20	0.002
820208	1330	48373	240	2100	8.10	0.001
820304	1125	48423	190<=>	3100	5.10	0.016
820419	0950	48508	740<=>	7000	33.00	0.012
820527	1215	48600	1500	12800	30.00	0.007
820624	1510	48636	1400<=>	48000	82.00	0.018
820708	1530	48681	780<=>	32000	34.00	0.016
820809	1515	48726	1000<=>	53000	36.00	0.001<
820907	1140	48815	1400<=>	29000	46.00	
821019	1145	48869	1100	15000	22.00	0.005
821125	1130	48943	12800<=>	108000	52.00	0.013
821207	1420	48953	11500<=>	26000	47.00	0.009
MAXIMUM		12800	108000	82.00	0.018	
ARITH MEAN		2783	28275	33.20	0.010	
GEOM MEAN		1205	15494	23.77		
MINIMUM		190	2100	3.20	0.001	
STD DEV (GEOM *)		4*	4*	22.47		
# SAMP IN STATISTICS		12	12	12	10	
% SAMP (EXCLUDED)					9	

B.O.W./ SITE: NANTICOKE CREEK
 SAMPLE POINT: AT COUNTY ROAD 27 AND 32
 STATION TYPE: RIVER

STATION ID: 16-0164-002-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: NANTICOKE CREEK

STORET CODE: 02
 003
 0550

LAT: 42 52 54.98 LONG: 080 08 16.66 U T M: 17 0570400.0 4747850.0 4 REGION: 02 DISTANCE: 17.863

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	CLIDUR	COD	COND25	DO	DOC CARBON	FCMF	FSMF	FVPH		
SAMPLE DATE	YMHDD	TIME	SAMPLE NUMBER	DEPTH M	PROJECT SUB-PROJ CODE	CHLORIDE UNF. REAC MG/L AS CL	CHEM. OX DEMAND MG/L AS O	CONDUCT. 25C UMHO/CM AT 25 C	DISSOLVED OXYGEN MG/L AS O	DISSOLVED ORGANIC MG/L AS C	FCMF COLIFORM MF CNT /100ML	FSMF STREPCUS MF CNT /100ML	FVPH PH FIELD
820114	1110		48324	0.30	0101	27.00	2	630	11.20	4.3	10<=>	50<=>	7.40
820208	1205		48369	0.30	0101	34.00	2	700	12.20	3.6	10<	60<=>	7.20
820304	1015		48419	0.30	0101	32.00	18	710	11.70	4.0	50<=>	50<=>	7.70
820419	0840		48504	0.30	0101	24.50	15	560	10.40	4.5	10<=>	10<=>	7.65
820527	1115		48596	0.30	0101	26.80	22	510.0	7.30	5.2	1160	930	8.30
820624	1030		48632	0.30	0101	23.00	28	573.0	11.20	6.2	240	140<=>	8.00
820708	1225		48677	0.30	0101	25.20	26	537.0	10.60	5.8	120	120	8.15
820809	1110		48722	0.30	0101	44.60	26	573.0	7.70	5.7	240	190	8.10
820907	1030		48811	0.30	0101	41.40	30	575.0	8.70	5.2	390	180	8.00
821019	1045		48865	0.30	0101	31.50	28.5	627.0	10.20	4.7	130	90<=>	8.00
821125	1025		48939	0.30	0101	25.80	18.6	586.0	12.50	5.0	270	890	8.15
821207	1000		48949	0.30	0101	24.30	20.9	573.0	10.80	5.3	190	590	8.15
MAXIMUM		0.30				44.60	30	710	12.50	6.2	1160	930	8.30
ARITH MEAN		0.30				30.01	20	596	10.37	5.0	255	275	7.90
GEOM MEAN						29.34	15	593	10.24	4.9		135	7.89
MINIMUM		0.30				23.00	2	510.0	7.30	3.6	10	10	7.20
STD DEV (GEOM *)						6.99	9	60	1.67	0.8		4*	0.34
# SAMP IN STATISTICS		12				12	12	12	12	12	11	12	12
% SAMP (EXCLUDED)											8		

*=INTERIM TEST-NAME:		FWSTRC	FWTEMP	NNHTFR	NNOTFR	NNO2FR	NNO3FR	NNTKUR	PH	PP04FR	PPUT		
				NH3-N TOTAL	NO2+NO3N	NO2-N	NO3-N	K'DAHL N TOTAL		P04	PHOSPHOR		
SAMPLE DATE	YMHDD	TIME	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	FIL. REAC MG/L AS N	FIL. REAC MG/L AS N	FIL. REAC MG/L AS N	FIL. REAC MG/L AS N	FIL. TOT. MG/L AS N	FIL. REAC MG/L AS P	UNF. TOT. MG/L AS P	
820114	1110		48324	4	2.0	0.196	2.550	0.046	2.500	0.63	8.07	0.019	0.038
820208	1205		48369	4	2.0	0.122	2.350	0.260	2.090	0.54	7.84	0.030	0.044
820304	1015		48419	4	2.0	0.324	2.250	0.015	2.240	0.70	7.67	0.055	0.083
820419	0840		48504	8	8.5	0.006	3.300	0.0460	3.255	0.73	8.37	0.0180	0.052
820527	1115		48596	3	17.5	0.006<T	1.000	0.0050	0.995	1.00	7.92	0.0450	0.250
820624	1030		48632	3	17.0	0.010	3.100	0.0030	3.095	0.26	8.06	0.0580	0.008
820708	1225		48677	8	25.5	0.012	0.755	0.0320	0.725	0.73	8.45	0.0500	0.180
820809	1110		48722	8	22.5	0.002	0.720	0.0100	0.710	1.05	7.96	0.0620	0.225
820907	1030		48811	8	16.0	0.040	0.590	0.0770	0.513	1.07	8.16	0.0360	0.157
821019	1045		48865	8	10.5	0.006	1.100	0.0080	1.090	0.58	8.19	0.0220	0.095
821125	1025		48939	3	2.5	0.006	5.250	0.0035	5.250	0.700	8.50	0.0505	0.093
821207	1000		48949	3	5.0	0.006	5.700	0.0170	5.680	0.750	8.17	0.0430	0.085

(C O N T D)

B.O.W./ SITE: NANTICOKE CREEK

SAMPLE POINT: AT COUNTY ROAD 27 AND 32

STATION TYPE: RIVER

STATION ID: 16-0164-002-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: NANTICOKE CREEK

STORET CODE: 02
 003
 0550

LAT: 42 52 54.98 LONG: 080 08 16.66

U T M: 17 0570400.0 4747850.0 4

REGION: 02

DISTANCE: 17.863

*=INTERIM TEST-NAME:		FWSTRC	FWTEMP	NNHTFR NH3-N TOTAL	NNOTFR NO2+NO3N FIL.REAC	NNO2FR NO2-N FIL.REAC	NNO3FR NO3-N FIL.REAC	NNTKUR K'DAHL N TOTAL	PH	PP04FR P04 FIL.REAC	PPUT PHOSPHOR UNF.TOT.	
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.TOT. MG/L AS N	PH	FIL.REAC MG/L AS P	UNF.TOT. MG/L AS P	
MAXIMUM				25.5	0.324	5.700	0.260	5.680	1.07	8.50	0.0620	0.250
ARITH MEAN				10.9	0.061<A	2.389	0.044	2.345	0.73	8.11	0.041	0.109
GEOM MEAN				7.3	0.017<A	1.835	0.018	1.779	0.69	8.11	0.038	0.080
MINIMUM				2.0	0.002	0.590	0.0030	0.513	0.26	7.67	0.0180	0.008
STD DEV (GEOM *)				8.5	0.102<A	1.727	0.072	1.735	0.23	0.25	0.015	0.077
# SAMP IN STATISTICS				12	12	12	12	12	12	12	12	12
% SAMP (EXCLUDED)												

*=INTERIM TEST-NAME:		RSF	RSP	TCMF COLIFORM TOTAL	TCMFBK COLIFORM TOTAL MF BCKGRD	TURB	
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	RESIDUE FILTERED MG/L	RESIDUE PARTIC. MG/L	CNT /100ML	CNT /100ML	TURB'ITY FTU
820114	1110	48324	384	6.3	1400	4900	8.50
820208	1205	48369	471	3.9	380	1440	5.20
820304	1015	48419	453.0	5.400	400	2240	5.10
820419	0840	48504	362.0	18.700	640<=>	5600	12.30
820527	1115	48596	372.0	165.000	3100<=>	61000	114.00
820624	1030	48632	398.0	74.200	1900<=>	54000	47.00
820708	1225	48677	391.0	62.900	1000	27500	36.00
820809	1110	48722	376.0	82.000	1100<=>	41000	40.00
820907	1030	48811	418.0	65.100	1400<=>	38000	40.00
821019	1045	48865	389.0	17.200	1100	19500	16.20
821125	1025	48939	378.0	19.900	15600	65000	10.60
821207	1000	48949	418.0	20.100	11700<=>	22000	19.00
MAXIMUM			471	165.000	15600	65000	114.00
ARITH MEAN			401	45.1	3310	28515	29.49
GEOM MEAN			400	25.3	1583	16287	19.37
MINIMUM			362.0	3.9	380	1440	5.10
STD DEV (GEOM *)			33	47.5	3*	4*	30.56
# SAMP IN STATISTICS			12	12	12	12	12
% SAMP (EXCLUDED)							

B.O.W./ SITE: NANTICOKE CREEK
 SAMPLE POINT: AT TOWNSHIP ROAD 7 EAST OF DAM WATERFORD
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: NANTICOKE CREEK

STATION ID: 16-0164-003-02

STORET CODE: 02
 003
 0550

LAT: 42 56 24.20 LONG: 080 16 21.30 U T M: 17 0559350.0 4754200.0 4 REGION: 02 DISTANCE: 39.267

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	CLIDUR	COD	COND25	DO	DOC CARBON	FCMF FECAL COLIFORM	FSMF FECAL STREPCUS	FWPH
SAMPLE DATE	HOUR	SAMPLE DEPTH	PROJECT SUB-PROJ	CHLORIDE UNF.REAC	CHEM. OX DEMAND	CONDUCT. 25C	DISOLVED OXYGEN	DISOLVED ORGANIC	COLIFORM MF CNT	STREPCUS MF CNT	PH FIELD
YYMMDD	LMT	NUMBER	CODE	MG/L AS CL	MG/L AS O	UMHO/CM AT 25 C	MG/L AS O	MG/L AS C	/100ML	/100ML	
820114	1155	48327	0101	17.00	15	560	11.60	4.2	20<=>	990	7.55
820208	1250	48372	0101	18.00	14	620	11.30	3.1	20<=>	10<	7.10
820304	1100	48422	0101	18.50	28	615.0	12.50	3.4	10<=>	10<	7.75
820419	0925	48507	0101	16.50	17	490	10.30	3.9	10<	220	7.85
820527	1145	48599	0101	18.00	22	486.0	8.40	5.5	1000	1900	8.30
820624	1140	48635	0101	15.40	22	520.0	13.80	5.8	60<=>	120<=>	8.30
820708	1345	48680	0101	15.30	20	493.0	10.80	5.5	90<=>	140	8.10
820809	1210	48725	0101	25.40	20	510.0	8.10	5.6	280	160	8.15
820907	1115	48814	0101	22.90	18	534.0	9.80	4.7	190	110	8.00
821019	1120	48868	0101	21.70	23.7	584.0	11.00	4.6	70<=>	10<	8.10
821125	1105	48942	0101	16.60		546.0	11.20	4.5	10<	60<=>	8.30
821207	1045	48952	0101	15.40	20.9	536.0	10.50	4.5	20<=>	10<=>	8.20
MAXIMUM		0.30		25.40	28	620	13.80	5.8	1000	1900	8.30
ARITH MEAN		0.30		18.39	20	541	10.77	4.6	176	412	7.97
GEOM MEAN				18.15	20	539	10.67	4.5			7.97
MINIMUM		0.30		15.30	14	486.0	8.10	3.1	10	10	7.10
STD DEV (GEOM *)				3.26	4	46	1.58	0.9			0.36
# SAMP IN STATISTICS		12		12	11	12	12	12	10	9	12
% SAMP (EXCLUDED)									16	25	

*=INTERIM TEST-NAME:		FWSTRC	FWTEMP	NNHTFR NH3-N TOTAL	NNOTFR NO2+NO3N	NNO2FR NO2-N	NNO3FR NO3-N	NNTKUR K'DAHL N TOTAL	PH	PP04FR P04 FIL.REAC	PPUT PHOSPHOR UNF.TOT.
SAMPLE DATE	HOUR	SAMPLE NUMBER	STREAM COND.	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.TOT. MG/L AS N	PH	MG/L AS P	MG/L AS P
YYMMDD	LMT	NUMBER	COND.	DEG.C	AS N	AS N	AS N	AS N		AS P	AS P
820114	1155	48327	8	3.0	0.098	1.950	0.044	1.910	0.52	8.05	0.014
820208	1250	48372	4	3.0	0.006	1.950	0.195	1.750	0.39	8.54	0.009
820304	1100	48422	8	3.0	0.134	1.850	0.027	1.820	0.49	7.90	0.010
820419	0925	48507	8	10.0	0.004<T	1.250	0.0670	1.185	0.63	8.09	0.0120
820527	1145	48599	3	18.0	0.002<W	1.200	0.0050	1.195	1.28	7.96	0.0460
820624	1140	48635	3	19.0	0.006	0.910	0.0025	0.905	0.44	8.00	0.0145
820708	1345	48680	8	26.0	0.022	0.620	0.0680	0.550	0.68	8.44	0.0120
820809	1210	48725	8	24.0	0.008	0.835	0.0330	0.800	0.93	8.25	0.0240
820907	1115	48814	8	16.5	0.054	1.000		0.83	0.83	8.18	0.0140
821019	1120	48868	8	11.5	0.002<T	1.100	0.0440	1.060	0.40	8.23	0.0120
821125	1105	48942	8	4.5	0.010	1.650	0.0010<T	1.650	0.450	8.42	0.0100
821207	1045	48952	8	7.5	0.002<W	1.750	0.0020<T	1.750	0.520	8.17	0.0095

(CONTD)

B.O.W./ SITE: NANTICOKE CREEK
 SAMPLE POINT: AT TOWNSHIP ROAD 7 EAST OF DAM WATERFORD
 STATION TYPE: RIVER

STATION ID: 16-0164-003-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: NANTICOKE CREEK

STORET CODE: 02
 003
 0550

LAT: 42 56 24.20 LONG: 080 16 21.30 U T M: 17 0559350.0 4754200.0 4 REGION: 02 DISTANCE: 39.267

*INTERIM TEST-NAME:		FWSTRC	FWTEMP	NNHTFR NH3-N TOTAL	NNOTFR NO2+NO3N	NNO2FR NO2-N	NNO3FR NO3-N	NNTKUR K'DAHL N TOTAL	PH	PP04FR P04 FIL.REAC	PPUT PHOSPHOR UNF.TOT.	
SAMPLE DATE	HR	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.TOT. MG/L AS N	PH	AS P	
MAXIMUM				26.0	0.134	1.950	0.195	1.910	1.28	8.54	0.0460	0.140
ARITH MEAN				12.2	0.029<A	1.339	0.044 <A	1.325	0.63	8.19	0.016	0.051
GEOM MEAN				9.2	0.010<A	1.259	0.017 <A	1.238	0.59	8.18	0.014	0.037
MINIMUM				3.0	0.002	0.620	0.0010	0.550	0.39	7.90	0.009	0.004
STD DEV (GEOM *)				8.4	0.044<A	0.470	0.056 <A	0.470	0.27	0.20	0.010	0.039
# SAMP IN STATISTICS				12	12	12	11	11	12	12	12	12
% SAMP (EXCLUDED)												

*INTERIM TEST-NAME:		RSF	RSP	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	TURB TURB'ITY FTU
SAMPLE DATE	HR	SAMPLE NUMBER	RESIDUE FILTERED MG/L	RESIDUE PARTIC. MG/L		
820114	1155	48327	336	6.4	3100	11100
820208	1250	48372	425	6.6	460	860
820304	1100	48422	396	2.3	160<=>	440
820419	0925	48507	339.0	20.200	680	1600
820527	1145	48599	345.0	26.400	18000<=>	290000
820624	1140	48635	377.0	30.100	1500<=>	49000
820708	1345	48680	353.0	15.400	1300<=>	75000
820809	1210	48725	354.0	28.200	1300<=>	53000
820907	1115	48814	353.0	8.320	1800<=>	38000
821019	1120	48868	367.0	7.800	8800<=>	24000
821125	1105	48942	360.0	6.350	1100	8600
821207	1045	48952	374.0	14.400	1900	2300
MAXIMUM			425	30.100	18000	290000
ARITH MEAN			365	14.4	3342	46158
GEOM MEAN			364	11.2	1576	11739
MINIMUM			336	2.3	160	440
STD DEV (GEOM *)			25	9.7	3*	7*
# SAMP IN STATISTICS			12	12	12	12
% SAMP (EXCLUDED)						

B.O.W./ SITE: NANTICOKE CREEK

SAMPLE POINT: AT HIGHWAY NO 6 SOUTH WEST OF JARVIS

STATION TYPE: RIVER

STATION ID: 16-0164-004-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: NANTICOKE CREEK

STORET CODE: 02
 003
 0550

LAT: 42 51 49.80 LONG: 080 07 31.29 U T M: 17 0571450.0 4745850.0 4 REGION: 02 DISTANCE: 15.610

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	CLIDUR	COD	COND25	DO	DOC	FCMF	FSMF	FVPH
								CARBON	FECAL	FECAL	
								DISOLVED	COLIFORM	STREPCUS	
								ORGANIC	MF	MF	
								MG/L	CNT	CNT	
								AS C	/100ML	/100ML	
											PH
											FIELD
SAMPLE		SAMPLE	PROJECT	CHLORIDE	CHEM. OX	CONDUCT.	DISOLVED				
DATE	HOUR	DEPTH	SUB-PROJ	UNF. REAC	DEMAND	25C	OXYGEN				
YYMMDD	LMT	M	CODE	MG/L	MG/L	UMHO/CM	MG/L				
				AS CL	AS O	AT 25 C	AS O				
820114	1100	48323	0101	58.00	35	720	10.90	4.3	10<=>	50<=>	7.35
820208	1150	48368	0101	37.50	8	710	11.90	3.7	20<=>	20<=>	7.05
820304	1005	48418	0101	34.00	26	710.0	11.80	4.0	10<	10<	7.65
820419	0830	48503	0101	25.50	21	560	10.00	4.6	30<=>	10<	8.00
820527	1105	48595	0101	39.00	18	581.0	6.80	5.5	180	520	8.20
820624	1020	48631	0101	23.40	24	570.0	12.2	6.2	160<=>	280	7.90
820708	1215	48676	0101	26.50	36	549.0	8.30	5.8	100	110	8.00
820809	1105	48721	0101	59.00	36	610.0	6.10	5.8	280	240	7.90
820907	1020	48810	0101	40.50	32	579.0	6.90	5.0	200	220	7.80
821019	1040	48864	0101	48.10	31.4	682.0	9.30	4.7	60<=>	130	7.95
821125	1015	48938	0101	26.90	25.6	585.0	12.40	5.3	370	880	8.20
821207	0950	48948	0101	25.00	22.9	568.0	10.80	5.5	150	770	8.05
		MAXIMUM	0.30	59.00	36	720	12.40	6.2	370	880	8.20
		ARITH MEAN	0.30	36.95	26	619	9.8	5.0	142	322	7.84
		GEOM MEAN		35.12	25	616	9.5	5.0			7.83
		MINIMUM	0.30	23.40	8	549.0	6.10	3.7	10	20	7.05
		STD DEV (GEOM *)		12.60	8	66	2.3	0.8			0.34
		# SAMP IN STATISTICS	12	12	12	12	12	12	11	10	12
		% SAMP (EXCLUDED)							8	16	

*=INTERIM TEST-NAME:		FWSTRC	FWTEMP	NNHTFR	NNOTFR	NNO2FR	NNO3FR	NNTKUR	PH	PP04FR	PPUT
				NH3-N				K'DAHL N			
				TOTAL	NO2+NO3N	NO2-N	NO3-N	TOTAL		P04	PHOSPHOR
				FIL. REAC	FIL. REAC	FIL. REAC	FIL. REAC	FIL. TOT.		FIL. REAC	UNF. TOT.
				MG/L	MG/L	MG/L	MG/L	MG/L		MG/L	MG/L
				AS N	AS N	AS N	AS N	AS N		AS P	AS P
									PH		
SAMPLE		SAMPLE	STREAM	WATER							
DATE	HOUR	NUMBER	COND.	TEMP							
YYMMDD	LMT			DEG. C							
820114	1100	48323	4	2.0	0.196	2.550	0.040	2.510	0.63	7.79	0.043
820208	1150	48368	4	2.0	0.034	2.450	0.295	2.150	0.43	8.33	0.060
820304	1005	48418	4	2.5	0.308	2.250	0.021	2.230	0.77	7.73	0.078
820419	0830	48503	3	8.5	0.004<T	3.300	0.0490	3.250	0.75	8.54	0.065
820527	1105	48595	3	17.5	0.006<T	0.940	0.0050	0.935	1.43	8.23	0.365
820624	1020	48631	8	16.5	0.006	3.350	0.0030	3.345	0.43	8.13	0.010
820708	1215	48676	8	23.5	0.022	0.810	0.0225	0.785	0.78	8.01	0.187
820809	1105	48721	8	22.0	0.010	0.810	0.0100	0.800	1.17	7.56	0.297
820907	1020	48810	8	15.5	0.024	0.570	0.0720	0.498	1.10	7.06	0.167
821019	1040	48864	8	10.5	0.002<W	1.100	0.0040	1.100	0.53	8.21	0.066
821125	1015	48938	3	2.5	0.004<T	5.000	0.0040	5.000	0.725	8.34	0.110
821207	0950	48948	3	5.0	0.028	4.800	0.0110	4.790	0.825	8.08	0.102

(C O N T D)

B.O.W./ SITE: NANTICOKE CREEK
 SAMPLE POINT: AT HIGHWAY NO 6 SOUTH WEST OF JARVIS
 STATION TYPE: RIVER

STATION ID: 16-0164-004-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: NANTICOKE CREEK

STORET CODE: 02
 003
 0550

LAT: 42 51 49.80 LONG: 080 07 31.29 U T M: 17 0571450.0 4745850.0 4 REGION: 02 DISTANCE: 15.610

*=INTERIM TEST-NAME:		FWSTRC	FWTEMP	NNHTFR NH3-N TOTAL	NNOTFR NO2+NO3N FIL.REAC	NNO2FR NO2-N FIL.REAC	NNO3FR NO3-N FIL.REAC	NNTKUR K'DAHL N TOTAL	PH	PP04FR P04 FIL.REAC	PPUT PHOSPHOR UNF.TOT.
DATE	HOUR	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.TOT. MG/L AS N	PH	AS P
MAXIMUM				23.5	0.308	5.000	0.295	5.000	1.43	8.54	0.365
ARITH MEAN				10.7	0.054<A	2.327	0.045	2.283	0.80	8.00	0.129
GEOM MEAN				7.4	0.016<A	1.833	0.017	1.779	0.75	7.99	0.091
MINIMUM				2.0	0.002	0.570	0.0030	0.498	0.43	7.06	0.010
STD DEV (GEOM *)				8.1	0.096<A	1.550	0.082	1.556	0.30	0.41	0.107
# SAMP IN STATISTICS				12	12	12	12	12	12	12	12
% SAMP (EXCLUDED)											

*=INTERIM TEST-NAME:		RSF	RSP	TCMF COLIFORM TOTAL MF	TCMFBK COLIFORM TOTAL MF BCKGRD	TURB	
DATE	HOUR	SAMPLE NUMBER	RESIDUE FILTERED MG/L	RESIDUE PARTIC. MG/L	CNT /100ML	CNT /100ML	TURB'ITY FTU
820114	1100	48323	427	8.0	2300	6300	10.10
820208	1150	48368	487	5.8	330	2000	5.20
820304	1005	48418	442	5.3	180<=>	2900	6.60
820419	0830	48503	378.0	25.400	900<=>	10000	18.90
820527	1105	48595	424.0	58.200	1600<=>	130000	51.00
820624	1020	48631	387.0	75.700	3100<=>	49000	53.00
820708	1215	48676	387.0	64.500	1400	27500	35.00
820809	1105	48721	404.0	170.000	2300<=>	210000	86.00
820907	1020	48810	411.0	53.500	1200	26000	37.00
821019	1040	48864	428.0	21.700	1700	13000	12.30
821125	1015	48938	341.0	24.600	150000>	150000>	22.00
821207	0950	48948	419.0	25.700	9300	20000	22.00
MAXIMUM			487	170.000	9300	210000	86.00
ARITH MEAN			411	44.9	2210	45155	29.92
GEOM MEAN			410	27.9			21.83
MINIMUM			341.0	5.3	180	2000	5.20
STD DEV (GEOM *)			37	46.1			23.94
# SAMP IN STATISTICS			12	12	11	11	12
% SAMP (EXCLUDED)					8	8	

B.O.W./ SITE: NANTICOKE CREEK
 SAMPLE POINT: AT REGIONAL ROAD NO 5 NANTICOKE
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: NANTICOKE CREEK

STATION ID: 16-0164-005-02

STORET CODE: 02
 003
 0550

LAT: 42 55 56.88 LONG: 080 14 51.18 U T M: 17 0561400.0 4753375.0 4 REGION: 02 DISTANCE: 35.083

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	BOD5	CLIDUR	COND25	CUUT	DO	FCMF	FSMF
					BOD					FECAL	FECAL
				ALK	5 DAY	CHLORIDE	CONDUCT.	COPPER	DISOLVED	COLIFORM	STREPCUS
				TOTAL	TOT.DEM.	UNF.REAC	25C	UNF.TOT.	OXYGEN	MF	MF
SAMPLE		SAMPLE	PROJECT	MG/L	MG/L	MG/L	UMHO/CM	MG/L	MG/L	CNT	CNT
DATE	HOUR	DEPTH	SUB-PROJ	AS CAC03	AS O	AS CL	AT 25 C	AS CU	AS O	/100ML	/100ML
YYMMDD	LMT	NUMBER	CODE								
820114	1140	48326	0101	203	2.4	27.50	600	0.004	11.60	40<=>	100
820208	1240	48371	0101	227		34.50	680	0.007	11.70	120	10<=>
820304	1050	48421	0101	232	0.8	37.00	700	0.018	12.40	1250	250
820419	0915	48506	0101	175.9	1.50	20.00	520	0.006	10.50	10<=>	10<=>
820527	1140	48598	0101	179.0	2.80	28.40	531.0	0.010	8.00	4700	780
820624	1135	48634	0101	204.4	2.46	21.40	539.0	0.010	13.60	320	520
820708	1340	48679	0101	201.9	2.29	24.90	526.0	0.011	10.60	370	550
820809	1205	48724	0101	181.7	3.07	42.40	564.0	0.009	8.60	380	380
820907	1110	48813	0101	182.1	3.46	43.60	594.0	0.003	11.00	1300	780
821019	1110	48867	0101	195.1	1.01	32.10	618.0	0.006	10.50	100<=>	100<=>
821125	1055	48941	0101	200.0	1.42	22.80	572.0	0.012	11.70	40<=>	240
821207	1040	48951	0101	199.7	1.09	20.70	561.0	0.001	10.40	30<=>	50<=>
MAXIMUM		0.30		232	3.46	43.60	700	0.018	13.60	4700	780
ARITH MEAN		0.30		198	2.0	29.61	584	0.008	10.88	722	314
GEOM MEAN				198	1.8	28.58	581	0.007	10.78	188	155
MINIMUM		0.30		175.9	0.8	20.00	520	0.001	8.00	10	10
STD DEV (GEOM *)				18	0.9	8.30	58	0.005	1.53	6*	5*
# SAMP IN STATISTICS		12		12	11	12	12	12	12	12	12
% SAMP (EXCLUDED)											

*=INTERIM TEST-NAME:		FWPH	FWSTRC	FWTEMP	NNHTFR	NNOTFR	NN02FR	NN03FR	NNTKUR	PBUT	PH
					NH3-N				K'DAHL N		
					TOTAL	NO2+NO3N	NO2-N	NO3-N	TOTAL	LEAD	
					FIL.REAC	FIL.REAC	FIL.REAC	FIL.REAC	FIL.TOT.	UNF.TOT.	
SAMPLE				WATER	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	
DATE	HOUR	PH	STREAM	TEMP	AS N	AS N	AS N	AS N	AS N	AS PB	PH
YYMMDD	LMT	FIELD	COND.	DEG.C							
820114	1140	48326	4	2.5	0.310	2.050	0.057	1.990	0.84	0.003<	7.83
820208	1240	48371	4	2.0	0.076	2.400	0.125	2.280	0.43	0.003<	8.16
820304	1050	48421	4	2.5	0.730	2.000	0.026	1.970	1.22	0.003<	8.04
820419	0915	48506	3	9.0	0.004<T	1.650	0.0070	1.645	0.68	0.003<	7.85
820527	1140	48598	3	17.0	0.004<T	1.150	0.0050	1.145	1.68	0.003<	8.24
820624	1135	48634	3	19.0	0.008	1.100	0.0050	1.095	0.30	0.003<	7.78
820708	1340	48679	8	26.0	0.024	0.820	0.0100	0.810	1.05	0.003<	8.23
820809	1205	48724	8	23.5	0.008	0.950	0.0030	0.945	1.13	0.013	7.97
820907	1110	48813	8	16.5	0.048	0.950			1.18	0.003<	8.16
821019	1110	48867	8	12.0	0.004<T	1.230	0.0040	1.230	0.55	0.003	8.11
821125	1055	48941	8	4.0	0.008	2.300	0.0010<T	2.300	1.230	0.007	8.55
821207	1040	48951	8	6.5	0.002<W	2.450	0.0050	2.450	0.510	0.003<	8.31

(C O N T D)

B.O.W./ SITE: NANTICOKE CREEK
 SAMPLE POINT: LOT 23 CONC.11 FORMER TWP.OF TOWNSEND
 STATION TYPE: RIVER

STATION ID: 16-0164-006-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: NANTICOKE CREEK

STORET CODE: 02
 003
 0550

LAT: 42 54 22.31 LONG: 080 09 39.23 U T M: 17 0568500.0 4750525.0 4 REGION: 02 DISTANCE: 22.691

*INTERIM TEST-NAME:		FWSADP	FGPROJ	CLIDUR	COD	COND25	DO	DOC CARBON	FCMF	FSMF	FVPH	
SAMPLE DATE	HOUR	SAMPLE NUMBER	SAMPLE DEPTH	PROJECT SUB-PROJ CODE	CHLORIDE UNF. REAC MG/L AS CL	CHEM. OX DEMAND MG/L AS O	CONDUCT. 25C UMHO/CM AT 25 C	DISOLVED OXYGEN MG/L AS O	DISOLVED ORGANIC MG/L AS C	FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	PH FIELD
820114	1125	48325	0.30	0101	27.00	21	620	11.80	4.3	10<	60<=>	7.45
820208	1220	48370	0.30	0101	35.50	24	730	13.40	4.0	10<	10<=>	6.90
820304	1030	48420	0.30	0101	32.00	12	715.0	13.4	3.4	50<=>	20<=>	7.65
820419	0900	48505	0.30	0101	24.00	17	560	11.10	4.3	20<=>	10<=>	7.75
820527	1125	48597	0.30	0101	28.40	20	538.0	8.00	5.3	560	320	8.30
820624	1120	48633	0.30	0101	23.20	26	582.0	14.00	6.2	180<=>	140<=>	8.00
820708	1325	48678	0.30	0101	24.60	34	540.0	10.80	5.7	110	100	8.10
820809	1150	48723	0.30	0101	43.40	26	566.0	7.80	5.5	180<=>	20<	8.05
820907	1055	48812	0.30	0101	41.60	28	578.0	8.80	5.0	190	170	8.10
821019	1100	48866	0.30	0101	31.80	27.5	623.0	10.30	4.6	80<=>	50<=>	8.05
821125	1040	48940	0.30	0101	25.90	33.2	598.0	12.60	5.0	250	1440	8.25
821207	1030	48950	0.30	0101	24.70	30.8	587.0	12.30	5.1	200	490	8.10
MAXIMUM		0.30			43.40	34	730	14.00	6.2	560	1440	8.30
ARITH MEAN		0.30			30.17	25	603	11.2	4.9	182	255	7.89
GEOM MEAN					29.52	24	600	11.0	4.8			7.88
MINIMUM		0.30			23.20	12	538.0	7.80	3.4	20	10	6.90
STD DEV (GEOM *)					6.87	7	62	2.1	0.8			0.40
# SAMP IN STATISTICS		12			12	12	12	12	12	10	11	12
% SAMP (EXCLUDED)										16	8	

*INTERIM TEST-NAME:		FWSTRC	FWTEMP	NNHTFR	NNOTFR	NNO2FR	NNO3FR	NNTKUR	PH	PP04FR	PPUT	
				NH3-N TOTAL	NO2+NO3N	NO2-N	NO3-N	K'DAHL N TOTAL		PO4	PHOSPHOR	
SAMPLE DATE	HOUR	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	FIL. REAC MG/L AS N	FIL. REAC MG/L AS N	FIL. REAC MG/L AS N	FIL. REAC MG/L AS N	FIL. TOT. MG/L AS N	FIL. REAC MG/L AS P	UNF. TOT. MG/L AS P	
820114	1125	48325	4	2.0	0.210	2.600	0.051	2.55	0.72	7.97	0.020	0.038
820208	1220	48370	4	2.0	0.004	2.600	0.280	2.320	0.52	8.32	0.027	0.059
820304	1030	48420	4	2.5	0.320	2.200	0.022	2.180	0.70	7.88	0.045	0.075
820419	0900	48505	8	8.0	0.006	3.150	0.0570	3.095	0.62	7.90	0.0140	0.043
820527	1125	48597	3	17.5	0.004<T	1.000	0.0030	0.995	0.98	8.02	0.0530	0.190
820624	1120	48633	3	18.0	0.004<T	2.700	0.0025	2.695	0.90	8.15	0.0550	0.004
820708	1325	48678	8	25.0	0.010	0.880	0.0195	0.860	0.85	8.17	0.0540	0.215
820809	1150	48723	8	22.5	0.016	0.885	0.0120	0.875	0.98	8.02	0.0780	0.198
820907	1055	48812	8 9	16.5	0.062	0.620	0.0620	0.558	1.07	8.14	0.0375	0.147
821019	1100	48866	8	11.0	0.002<T	1.230	0.0035	1.230	0.73	8.37	0.0230	0.085
821125	1040	48940	3	2.5	0.008	5.250	0.0030	5.250	1.050	8.42	0.0470	0.213
821207	1030	48950	3	5.0	0.002<T	5.170	0.0160	5.150	0.675	8.15	0.0350	0.067

(C O N T D)

B.O.W./ SITE: NANTICOKE CREEK
 SAMPLE POINT: LOT 23 CONC.11 FORMER TWP.OF TOWNSEND
 STATION TYPE: RIVER

STATION ID: 16-0164-006-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: NANTICOKE CREEK

STORET CODE: 02
 003
 0550

LAT: 42 54 22.31 LONG: 080 09 39.23 U T M: 17 0568500.0 4750525.0 4 REGION: 02 DISTANCE: 22.691

*=INTERIM TEST-NAME:		FWSTRC	FWTEMP	NNHTFR NH3-N TOTAL	NNOTFR NO2+NO3N FIL.REAC	NNO2FR NO2-N FIL.REAC	NNO3FR NO3-N FIL.REAC	NNTKUR K'DAHL N TOTAL FIL.TOT.	PH	PP04FR P04 FIL.REAC	PPUT PHOSPHOR UNF.TOT.	
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.TOT. MG/L AS N	PH	AS P	AS P	
MAXIMUM				25.0	0.320	5.250	0.280	5.250	1.07	8.42	0.0780	0.215
ARITH MEAN				11.0	0.054<A	2.357	0.044	2.31	0.82	8.13	0.041	0.111
GEOM MEAN				7.5	0.012<A	1.887	0.016	1.84	0.80	8.12	0.037	0.077
MINIMUM				2.0	0.002	0.620	0.0025	0.558	0.52	7.88	0.0140	0.004
STD DEV (GEOM *)				8.5	0.103<A	1.585	0.077	1.59	0.18	0.18	0.018	0.076
# SAMP IN STATISTICS				12	12	12	12	12	12	12	12	12
% SAMP (EXCLUDED)												

*=INTERIM TEST-NAME:		RSF	RSP	TCMF COLIFORM TOTAL MF CNT	TCMFBK COLIFORM TOTAL MF BCKGRD CNT	TURB TURB'ITY FTU
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	RESIDUE FILTERED MG/L	RESIDUE PARTIC. MG/L	/100ML	/100ML
820114	1125	48325	391	8.5	1300	4700
820208	1220	48370	493	12.3	1500	1300
820304	1030	48420	465	6.8	380	2400
820419	0900	48505	372.0	10.500	540<=>	3400
820527	1125	48597	347.0	55.000	2000<=>	61000
820624	1120	48633	411.0	59.000	2300<=>	66000
820708	1325	48678	374.0	59.200	1100<=>	48000
820809	1150	48723	374.0	50.700	12000	170000
820907	1055	48812	384.0	39.300	1300<=>	35000
821019	1100	48866	398.0	18.700	1700	20000
821125	1040	48940	400.0	97.400	16200	78000
821207	1030	48950	437.0	11.200	4500	13300
MAXIMUM			493	97.400	16200	170000
ARITH MEAN			404	35.7	3735	41925
GEOM MEAN			402	25.0	1992	18042
MINIMUM			347.0	6.8	380	1300
STD DEV (GEOM *)			42	28.9	3*	5*
# SAMP IN STATISTICS			12	12	12	12
% SAMP (EXCLUDED)						

B.O.W./ SITE: SANDUSK CREEK
SAMPLE POINT: AT HALDIMAND COUNTY ROAD NO 11
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: SANDUSK CREEK

STATION ID: 16-0170-002-02

STORET CODE: 02
003
0490

LAT: 42 49 26.52 LONG: 079 59 39.88 U T M: 17 0582200.0 4741550.0 4 REGION: 02 DISTANCE: 4.506

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	CLIDUR	COND25	CUUT	DO	FCMF	FEUT	FSMF
									FECAL	IRON	STREPCUS
									COLIFORM	UNF.TOT.	MF
									MF	MG/L	CNT
									CNT	AS FE	/100ML
									/100ML		
SAMPLE		SAMPLE	PROJECT	ALK	CHLORIDE	CONDUCT.	COPPER	DISOLVED			
DATE	HR	DEPTH	SUB-PROJ	TOTAL	UNF.REAC	25C	UNF.TOT.	OXYGEN			
YYMMDD	LMT	NUMBER	CODE	MG/L	MG/L	UMHO/CM	MG/L	MG/L			
820114	1240	48329	0101	144	28.00	540	0.005	10.00	10<	2.25	30<=>
820208	1345	48374	0101	188	120.00	990	0.010	11.80	10<	0.53	10<
820304	1145	48424	0101	182	118.00	920.0	0.023	10.80	10<	0.52	70<=>
820419	1005	48509	0101	165.6	28.00	540	0.008U	9.20	140<=>	4.050	90<=>
820527	1405	48601	0101	139.6	62.00	684.0	0.011	9.30	130	1.035	50<=>
820624	1520	48637	0101	178.4	49.40	686.0	0.011	20.00	240	1.320	60<=>
820708	1540	48682	0101	162.7	39.30	647.0	0.019	11.80	30<=>	2.330	10<=>
820809	1525	48727	0101	156.7	59.00	613.0	0.010	8.30	80<=>	2.760	220
820907	1155	48816	0101	156.9	44.00	598.0		7.90	40<=>	1.880	50<=>
821019	1155	48870	0101	148.7	36.50	580.0	0.007	9.30	20<=>	1.130	20<=>
821125	1140	48944	0101	90.6	10.90	305.0	0.014	11.60	1060	18.500	3980
821207	1430	48954	0101	110.1	11.10	331.0	0.010	11.00	1100	16.500	2820
MAXIMUM		0.30		188	120.00	990	0.023	20.00	1100	18.500	3980
ARITH MEAN		0.30		152	50.52	619	0.012	10.92	316	4.40	673
GEOM MEAN				149	39.70	589	0.011	10.60		2.22	
MINIMUM		0.30		90.6	10.90	305.0	0.005	7.90	20	0.52	10
STD DEV (GEOM *)				29	35.79	199	0.005	3.16		6.21	
# SAMP IN STATISTICS		12		12	12	12	11	12	9	12	11
% SAMP (EXCLUDED)									25		8

*=INTERIM TEST-NAME:		FWPH	FWSTRC	FWTEMP	NNHTFR	NNOTFR	NNO2FR	NNO3FR	NNTKUR	PBUT	PH
					NH3-N				K'DAHL N		
					TOTAL	NO2+NO3N	NO2-N	NO3-N	TOTAL	LEAD	
					FIL.REAC	FIL.REAC	FIL.REAC	FIL.REAC	FIL.TOT.	UNF.TOT.	
					MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	
					AS N	AS N	AS N	AS N	AS N	AS PB	PH
SAMPLE		PH	STREAM	WATER							
DATE	HR	FIELD	COND.	TEMP							
YYMMDD	LMT	NUMBER		DEG.C							
820114	1240	48329	4	2.0	0.156	4.500	0.058	4.440	1.22	0.003<	8.02
820208	1345	48374	4	2.0	0.370	2.700	0.008	2.690	1.03	0.003<	8.19
820304	1145	48424	4	2.5	2.550	1.950	0.039	1.910	4.08	0.003<	7.44
820419	1005	48509	3	9.5	0.004<T	1.450	0.0090	1.440	1.20	0.003<	7.92
820527	1405	48601	3	22.0	0.028	0.190	0.0030	0.185	1.25	0.003<	7.96
820624	1520	48637	5 9	21.0	0.006	1.800	0.0070	1.790	0.27	0.003<	7.35
820708	1540	48682	8	25.5	0.006	9.000	0.0040	9.000	1.55	0.003<	7.90
820809	1525	48727	8	25.0	0.006	0.790	0.0080	0.780	1.80	0.007	8.07
820907	1155	48816	8	18.5	0.204	0.060	0.0600	0.005<W	1.50		7.89
821019	1155	48870	8	11.0	0.004<T	0.315	0.0090	0.306	1.12	0.004	8.01
821125	1140	48944	3	3.0	0.022	2.000	0.0555	1.950	1.200	0.003<	7.50
821207	1430	48954	3	6.0	0.012	1.300	0.0710	1.230	1.500	0.003<	7.55

(C O N T D)

B.O.W./ SITE: SANDUSK CREEK

SAMPLE POINT: FIRST BRIDGE DOWNSTREAM OF JARVIS LAGOON

STATION TYPE: RIVER

STATION ID: 16-0170-003-02

MAJOR BASIN: GREAT LAKES

MINOR BASIN: LAKE ERIE

TERM STREAM: SANDUSK CREEK

STORET CODE: 02

003

0490

LAT: 42 52 23.18 LONG: 080 06 07.08

U T M: 17 0573350.0 4746900.0 4

REGION: 02

DISTANCE: 17.702

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	BOD5	CLIDUR	COND25	CUUT	DO	FCMF	FSMF
					BOD					FECAL	FECAL
				ALK	5 DAY	CHLORIDE	CONDUCT.	COPPER	DISOLVED	COLIFORM	STREPCUS
				TOTAL	TOT.DEM.	UNF.REAC	25C	UNF.TOT.	OXYGEN	MF	MF
				MG/L	MG/L	MG/L	UMHO/CM	MG/L	MG/L	CNT	CNT
				AS CAC03	AS O	AS CL	AT 25 C	AS CU	AS O	/100ML	/100ML
SAMPLE DATE	HOUR	SAMPLE NUMBER	SAMPLE DEPTH	PROJECT SUB-PROJ							
YYMMDD	LMT	NUMBER	M	CODE							
820114	1045	48322	0.30	0101	320	2.0	97.00	1090	0.004	8.90	10<=>
820208	1140	48367	0.30	0101	301		370.00	1890	0.024	2.60	230000
820304	0955	48417	0.30	0101	225	0.2	141.00	1050	0.016	2.60	14000
820419	0820	48502	0.30	0101	184.1	6.00	60.00	580	0.011	11.40	530
820527	1100	48594	0.30	0101	206.8	7.52	130.00	903.0	0.015	7.00	6300
820624	1010	48630	0.30	0101	220.9	2.12	92.00	821.0	0.007	8.80	1800
820708	1210	48675	0.30	0101	207.2	2.30	92.50	767.0	0.012	6.70	1090
820809	1055	48720	0.30	0101	148.2	5.02	39.40	518.0	0.010	5.10	260
820907	1005	48809	0.30	0101	197.1	1.17	55.00	684.0	0.007	4.80	200
821019	1030	48863	0.30	0101	165.2	15.70	65.00	106.0	0.009	5.30	2780
821125	1005	48937	0.30	0101	130.5	1.90	17.90	417.0	0.013	11.20	680
821207	0945	48947	0.30	0101	138.8	1.94	15.30	398.0	0.008	10.40	240
MAXIMUM			0.30		320	15.70	370.00	1890	0.024	11.40	230000
ARITH MEAN			0.30		204	4.2	97.92	769	0.011	7.07	21491
GEOM MEAN					196	2.6	69.62	637	0.010	6.35	1143
MINIMUM			0.30		130.5	0.2	15.30	106.0	0.004	2.60	10
STD DEV (GEOM *)					59	4.4	94.39	454	0.005	3.10	12*
# SAMP IN STATISTICS			12		12	11	12	12	12	12	11
% SAMP (EXCLUDED)											8

*=INTERIM TEST-NAME:		FWPH	FWSTRC	FWTEMP	NNHTFR	NNOTFR	NN02FR	NN03FR	NNTKUR	PBUT	PH
					NH3-N				K'DAHL N		
					TOTAL	N02+N03N	N02-N	N03-N	TOTAL	LEAD	
					FIL.REAC	FIL.REAC	FIL.REAC	FIL.REAC	FIL.TOT.	UNF.TOT.	
					MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	
					AS N	AS N	AS N	AS N	AS N	AS PB	PH
SAMPLE DATE	HOUR	SAMPLE NUMBER	PH FIELD	STREAM COND.	WATER TEMP						
YYMMDD	LMT	NUMBER			DEG.C						
820114	1045	48322	7.40	4	2.5	0.160	1.150	0.089	1.060	0.90	0.003<
820208	1140	48367	7.05	4 0	2.0	12.200	0.040	0.009	0.030	14.4	0.003<
820304	0955	48417	7.45	4 5 0	2.5	7.300	0.165	0.033	0.130	9.50	0.003<
820419	0820	48502	7.75	5	7.0	0.008	1.750	0.0120	1.740	2.52	0.003<
820527	1100	48594	7.90	3	16.0	0.020	1.450	0.0320	1.420	3.88	0.003<
820624	1010	48630	7.60	8	13.5	0.008	1.350	0.0050	1.345	0.80	0.003<
820708	1210	48675	7.50	8	21.0	0.010	0.555	0.0090	0.550		0.003<
820809	1055	48720	7.60	8	20.0	0.006	2.000	0.0080	1.990	1.28	0.006
820907	1005	48809	7.50	8	13.5	0.008	0.960	0.0085	0.952	0.89	0.005
821019	1030	48863	7.40	8	12.0	0.008	2.520	0.0235	2.500	2.10	0.003
821125	1005	48937	8.10	3	2.5	0.010	1.650	0.0405	1.610	1.220	0.003<
821207	0945	48947	7.85	3	4.5	0.010	1.000	0.0390	0.961	1.200	0.003

(C O N T D)

B.O.W./ SITE: NIPIH RIVER
 SAMPLE POINT: AT HIGHWAY 24A PARIS
 STATION TYPE: RIVER

STATION ID: 16-0184-009-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 43 11 32.63 LONG: 080 22 59.24

U T M: 17 0550125.0 4782150.0 4

REGION: 02

DISTANCE: 121.180

*INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	BOD5	CLIDUR	COD	COND25	CUUT	DO	DOC
					BOD 5 DAY	CHLORIDE	CHEM. OX	CONDUCT.	COPPER	DISOLVED	DISOLVED
SAMPLE		SAMPLE	PROJECT	ALK	TOT.DEM.	UNF.REAC	DEMAND	25C	UNF.TOT.	OXYGEN	ORGANIC
DATE	HOUR	DEPTH	SUB-PROJ	TOTAL	MG/L	MG/L	MG/L	UMHO/CM	MG/L	MG/L	MG/L
YYMMDD	LMT	NUMBER	CODE	AS CAC03	AS O	AS CL	AS O	AT 25 C	AS CU	AS O	AS C
820107	1315	49009	0101	209	1.8	31.50	15	640	0.011	13.60	4.2
820204	1350	49050	0101	254	0.8	25.50		845	0.012	14.70	2.3
820323	1317	49091	0101	143	2.4	15.50	26	380	0.010	14.00	5.0
820405	1045	49132	0101	153	1.0	13.00		430	0.010	12.30	4.0
820518	1340	49173	0101	182.3	0.20<T	23.00	8	704.0	0.013	11.50	3.2
820608	1341	49214	0101	227.2	1.01	25.80	20	639.0	0.003	11.50	5.9
820713	1404	49255	0101	190.7	1.45	24.00	18	718.0	0.005	10.80	3.7
820818	1415	49296	0101	162.7		22.20	16	665.0	0.008	11.80	3.8
820929	1415	49337	0101	250.6	1.27	23.80	26.3	604.0	0.009	10.20	6.3
821026	1345	49378	0101	220.0		24.10	20.8	725.0	0.009	12.80	3.4
821122	1350	49419	0101	261.7	2.30	21.90		602.0	0.018	11.60	5.2
821214	1359	49460	0101	261.6		19.90	14.8	714.0	0.013	14.30	3.9
MAXIMUM		0.30		261.7	2.4	31.50	26.3	845	0.018	14.70	6.3
ARITH MEAN		0.30		210	1.4 <A	22.52	18	639	0.010	12.42	4.2
GEOM MEAN				205	1.1 <A	21.99	17	625	0.009	12.35	4.1
MINIMUM		0.30		143	0.20	13.00	8	380	0.003	10.20	2.3
STD DEV (GEOM *)				43	0.7 <A	4.81	6	128	0.004	1.45	1.2
# SAMP IN STATISTICS		12		12	9	12	9	12	12	12	12
% SAMP (EXCLUDED)											

*INTERIM TEST-NAME:		FCMF	FEUT	FSMF	FWSTRC	FWTEMP	NNHTFR	NNOTFR	NNO2FR	NNO3FR	NNTKUR
		FECAL	IRON	FECAL			NH3-N				K'DAHL N
		COLIFORM	UNF.TOT.	STREPCUS			TOTAL	NO2+NO3N	NO2-N	NO3-N	TOTAL
SAMPLE		MF	MG/L	MF	WATER	TEMP	FIL.REAC	FIL.REAC	FIL.REAC	FIL.REAC	FIL.TOT.
DATE	HOUR	CNT	AS FE	CNT	COND.	DEG.C	MG/L	MG/L	MG/L	MG/L	MG/L
YYMMDD	LMT	/100ML		/100ML			AS N	AS N	AS N	AS N	AS N
820107	1315	49009	0.72	6800	8 6	0.0	0.226	4.200	0.050	4.150	0.90
820204	1350	49050	0.11	20<=>	4	0.0	0.116	4.150	0.044	4.110	0.30
820323	1317	49091	4.650	760	3	2.8	0.002	3.950	0.002	3.950	1.20
820405	1045	49132	3.250	260	3	0.0	0.004	3.300	0.0050	3.295	0.88
820518	1340	49173	0.070	10<=>	8 6	20.5	0.058	2.000	0.0160	1.985	0.48
820608	1341	49214	0.655	30<=>	8 6	16.5	0.004<T	5.000	0.0690	4.930	0.90
820713	1404	49255	0.370	10<=>	8 6	24.5	0.122	1.400	0.0220	1.375	0.78
820818	1415	49296	0.211	900	8 6	22.5	0.004<T	1.350	0.1200	1.230	0.75
820929	1415	49337	1.930	240	8 6	16.0	0.002<T	4.280	0.0005<W	4.280	1.10
821026	1345	49378	0.040<T	10<	8 6	9.5	0.038	2.700	0.0100	2.69	0.45
821122	1350	49419	4.620	2380	8 6	8.0	0.002<T	4.200	0.0020	4.200	1.070
821214	1359	49460	0.550	100	8 6	1.5	0.004<T	4.400	0.0010<T	4.400	0.520

(C O N T D)

B.O.W./ SITE: NITH RIVER
 SAMPLE POINT: AT HIGHWAY 24A PARIS
 STATION TYPE: RIVER

STATION ID: 16-0184-009-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 43 11 32.63 LONG: 080 22 59.24 U T M: 17 0550125.0 4782150.0 4 REGION: 02 DISTANCE: 121.180

*=INTERIM TEST-NAME:		FCMF FECAL COLIFORM	FEUT IRON UNF.TOT. MG/L AS FE	FSMF FECAL STREPCUS MF CNT /100ML	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N
SAMPLE DATE YYMMDD	HOURLMT	SAMPLE NUMBER									
		MAXIMUM	1780	4.650	6800	24.5	0.226	5.000	0.1200	4.930	1.20
		ARITH MEAN	289	1.43 <A	1046	10.1	0.048<A	3.411	0.028 <A	3.38	0.78
		GEOM MEAN	76	0.55 <A			0.012<A	3.140	0.010 <A	3.10	0.72
		MINIMUM	10	0.040	10	0.0	0.002	1.350	0.0005	1.230	0.30
		STD DEV (GEOM *)	6*	1.76 <A			0.071<A	1.248	0.037 <A	1.26	0.29
		# SAMP IN STATISTICS	12	12	11	12	12	12	12	12	12
		% SAMP (EXCLUDED)			8						

*=INTERIM TEST-NAME:		PBUT LEAD UNF.TOT. MG/L AS PB	PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	PP04FR PO4 FIL.REAC MG/L AS P	PPUT PHOSPHOR UNF.TOT. MG/L AS P	RSF RESIDUE FILTERED MG/L	RSP RESIDUE PARTIC. MG/L	SS04UR SULPHATE UNF-REAC MG/L AS S04	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	
SAMPLE DATE YYMMDD	HOURLMT	SAMPLE NUMBER										
820107	1315	49009	0.006	8.13	1 <T	0.054	0.120	445	30.6	116.0	4900<=>	92000
820204	1350	49050	0.003<	8.48	1 <T	0.215	0.250	608	4.0	5.5	1200	8500
820323	1317	49091	0.003	7.56	1	0.220	0.485	247	187.0	32.0	3700	24000
820405	1045	49132	0.003<	8.49	1	0.0840	0.218	301.0	82.700	50.0	2000	17000
820518	1340	49173	0.005	8.41	0.2<W	0.0020<T	0.022	483.0	3.760	161.0	320	4600
820608	1341	49214	0.003<	8.38	0.2<T	0.0230	0.065	468.0	20.100	73.5	1400	7800
820713	1404	49255	0.003<	8.20	0.2<T			546.0	16.100	166.0	160<=>	18000
820818	1415	49296	0.008	8.20	1.0	0.0100	0.036	512.0	9.460	138.0	180<=>	12400
820929	1415	49337	0.004	8.48	1.8	0.0205	0.212	418.0	71.900	46.6	2500<=>	40000
821026	1345	49378	0.003<	8.33	0.4<T	0.002 <T	0.014	497.0	3.720	126.8	220	3400
821122	1350	49419	0.012	8.42	0.2<W	0.1125	0.312	511.0	132.000	54.22	10900<=>	120000
821214	1359	49460	0.009	8.45	0.6<T	0.0415	0.090	466.0	18.900	99.70	620	5200
		MAXIMUM	0.012	8.49	1.8	0.220	0.485	608	187.0	166.0	10900	120000
		ARITH MEAN	0.007	8.29	1 <A	0.071 <A	0.166	458	48.4	89.1	2342	29408
		GEOM MEAN		8.29	1 <A	0.030 <A	0.103	447	22.2	67.4	1063	15656
		MINIMUM	0.003	7.56	0.2	0.0020	0.014	247	3.720	5.5	160	3400
		STD DEV (GEOM *)		0.26	1 <A	0.080 <A	0.146	100	59.1	52.9	4*	3*
		# SAMP IN STATISTICS	7	12	12	11	11	12	12	12	12	12
		% SAMP (EXCLUDED)	41									

(C O N T D)

B.O.W./ SITE: NITH RIVER
SAMPLE POINT: AT HIGHWAY 24A PARIS
STATION TYPE: RIVER

STATION ID: 16-0184-009-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

LAT: 43 11 32.63 LONG: 080 22 59.24

U T M: 17 0550125.0 4782150.0 4

REGION: 02

DISTANCE: 121.180

*=INTERIM TEST-NAME: TURB ZNUT
ZINC
SAMPLE UNF.TOT.
DATE HOUR SAMPLE TURB'ITY MG/L
YYMMDD LMT NUMBER FTU AS ZN

820107	1315	49009	8.40	0.009
820204	1350	49050	2.70	0.004
820323	1317	49091	83.00	0.022
820405	1045	49132	64.00	0.009
820518	1340	49173	3.70	0.002
820608	1341	49214	6.80	0.002
820713	1404	49255	10.10	0.009
820818	1415	49296	4.60	0.001
820929	1415	49337	16.40	0.005
821026	1345	49378	1.10	0.001
821122	1350	49419	76.00	0.016
821214	1359	49460	8.70	0.004
MAXIMUM			83.00	0.022
ARITH MEAN			23.79	0.007
GEOM MEAN			10.44	0.005
MINIMUM			1.10	0.001
STD DEV (GEOM *)			31.01	0.006
# SAMP IN STATISTICS			12	12
% SAMP (EXCLUDED)				

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: AT GLEN MORRIS BRIDGE
 STATION TYPE: RIVER

STATION ID: 16-0184-010-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 43 16 35.83 LONG: 080 20 50.85

U T M: 17 0552950.0 4791525.0 4

REGION: 02

DISTANCE: 133.250

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	ALUT	BOD5	CAUR	CDUT	CLIDUR	COD	COND25
				ALK	ALUMINUM	5 DAY	CALCIUM	CADMIUM	CHLORIDE	CHEM. OX	CONDUCT.
SAMPLE DATE	HOUR	SAMPLE DEPTH	PROJECT SUB-PROJ	TOTAL MG/L	UNF. TOT. MG/L	TOT. DEM. MG/L	UNF. REAC MG/L	UNF. TOT. MG/L	UNF. REAC MG/L	DEMAND MG/L	25C UMHO/CM
YYMMDD	LMT	NUMBER	CODE	AS CAC03	AS AL	AS O	AS CA	AS CD	AS CL	AS O	AT 25 C
820107	1340	49010	0101	226	0.220	2.4	78.0	0.0003	64.00	23	720
820204	1420	49051	0101	259	0.190	1.2	86.0	0.0004	73.00		845
820323	1345	49092	0101	173	0.870	1.8	56.0	0.0002<	39.00	6	550
820405	1253	49133	0101	127	2.500	0.8	41.0	0.0002<	15.50		345
820518	1407	49174	0101	146.1	0.150	0.01<T	47.8	0.0002<	55.00	19	552.0
820608	1406	49215	0101	209.3	0.270	0.65	70.7	0.0002<	41.80	22	590.0
820713	1435	49256	0101	164.6	0.120	1.00	54.5	0.0002<	60.00	22	571.0
820818	1437	49297	0101	146.8	0.089	0.90	43.5	0.0002<	54.00	18	542.0
820929	1445	49338	0101	235.3	0.390	1.16	75.9	0.0002<	34.50	31.4	612.0
821026	1410	49379	0101	201.1	0.061	1.05	67.1	0.0002<	54.00	24.8	647.0
821122	1420	49420	0101	216.0	1.800	3.54	68.5	0.0003	21.20	47.2	525.0
821214	1425	49461	0101	217.7	0.330	0.27<T	73.1	0.0002<	20.60	14.8	536.0
MAXIMUM		0.30		259	2.500	3.54	86.0	0.0004	73.00	47.2	845
ARITH MEAN		0.30		193	0.582	1.2 <A	63.5	0.0003	44.38	23	586
GEOM MEAN				189	0.301	0.7 <A	61.9		40.07	20	575
MINIMUM		0.30		127	0.061	0.01	41.0	0.0003	15.50	6	345
STD DEV (GEOM *)				41	0.777	1.0 <A	14.6		18.63	11	120
# SAMP IN STATISTICS		12		12	12	12	12	3	12	10	12
% SAMP (EXCLUDED)								75			

*=INTERIM TEST-NAME:		CRUT	CUUT	DO	DOC	FCMF	FEUT	FSMF	FWSTRC	FWTEMP	HARDT
		CHROMIUM	COPPER	DISOLVED	CARBON	FECAL	IRON	FECAL			HARDNESS
SAMPLE DATE	HOUR	UNF. TOT. MG/L	UNF. TOT. MG/L	OXYGEN MG/L	ORGANIC MG/L	COLIFORM NF	UNF. TOT. MG/L	STREPCUS MF	STREAM COND.	WATER TEMP	TOTAL MG/L
YYMMDD	LMT	AS CR	AS CU	AS O	AS C	/100ML	AS FE	/100ML	COND.	DEG.C	AS CAC03
820107	1340	49010	0.006	0.009	14.20	5.7	130	360	8 6	0.0	275
820204	1420	49051	0.006	0.011	13.50	5.0	40<=>	80<=>	4	0.0	318
820323	1345	49092	0.006	0.012	14.80	5.5	40<=>	20<=>	3	4.0	202
820405	1253	49133	0.010	0.007	13.20	4.1	60<=>	3.500	3	2.0	151
820518	1407	49174	0.004	0.018	16.80	5.3	10<	10<	7	22.5	196.0
820608	1406	49215	0.003	0.031	12.30	5.7	40<=>	0.390	8 6	17.0	254.0
820713	1435	49256	0.002	0.006	15.80	5.9	20<=>	0.145	5 7	25.0	219.0
820818	1437	49297	0.003	0.005	16.40	5.2	40<=>	0.145	100	24.0	185.0
820929	1445	49338	0.002	0.007	11.4	5.9	910	50<=>	8 6	16.8	272.0
821026	1410	49379	0.002	0.006	17.00	5.2	10<	0.102	20<=>	9	258.0
821122	1420	49420	0.004	0.014	11.40	6.3	2500	4.750	5500	8.0	243.0
821214	1425	49461	0.002	0.008	14.60	5.9	50<=>	0.460	80<=>	9	259.0

(C O N T D)

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: AT GLEN MORRIS BRIDGE
 STATION TYPE: RIVER

STATION ID: 16-0184-010-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 43 16 35.83 LONG: 080 20 50.85 U T M: 17 0552950.0 4791525.0 4 REGION: 02 DISTANCE: 133.250

*=INTERIM TEST-NAME:			CRUT	CUUT	DO	DOC CARBON	FCMF FECAL	FEUT	FSMF FECAL	FWSTRC	FWTEMP	HARDT
			CHROMIUM UNF.TOT.	COPPER UNF.TOT.	DISSOLVED OXYGEN	DISSOLVED ORGANIC	COLIFORM MF	IRON UNF.TOT.	STREPCUS MF		WATER TEMP	HARDNESS TOTAL
SAMPLE DATE	HOUR	SAMPLE NUMBER	MG/L AS CR	MG/L AS CU	MG/L AS O	MG/L AS C	CNT /100ML	MG/L AS FE	CNT /100ML	STREAM COND.	DEG.C	MG/L AS CACO3
MAXIMUM			0.010	0.031	17.00	6.3	2500	4.750	5500		25.0	318
ARITH MEAN			0.004	0.011	14.3	5.5	383	0.96	640		10.9	236
GEOM MEAN			0.004	0.010	14.2	5.4		0.37				232
MINIMUM			0.002	0.005	11.4	4.1	20	0.060	20		0.0	151
STD DEV (GEOM *)			0.002	0.007	2.0	0.6		1.52				47
# SAMP IN STATISTICS			12	12	12	12	10	12	10		12	12
% SAMP (EXCLUDED)							16		16			

*=INTERIM TEST-NAME:			MGUR	NIUT	NNHTFR NH3-N TOTAL	NNOTFR NO2+NO3N	NNO2FR NO2-N	NNO3FR NO3-N	NNTKUR K'DAHL N TOTAL	PBUT	PH	PHNOL
			MAGNESIM FIL.REAC	NICKEL UNF.TOT.	FIL.REAC	FIL.REAC	FIL.REAC	FIL.REAC	FIL.TOT.	LEAD UNF.TOT.		PHENOLS UNF-REAC
SAMPLE DATE	HOUR	SAMPLE NUMBER	MG/L AS MG	MG/L AS NI	MG/L AS N	MG/L AS N	MG/L AS N	MG/L AS N	MG/L AS N	MG/L AS PB	PH	UG/L PHENOL
820107	1340	49010	19.50	0.007	0.460	3.450	0.380	3.070	1.12	0.007	8.31	1 <T
820204	1420	49051	25.00	0.010	0.980	4.050	0.060	3.990	1.26	0.008	7.77	2
820323	1345	49092	15.00	0.004	0.004	4.350	0.002	4.350	0.98	0.003<	7.56	1
820405	1253	49133	10.50	0.003	0.004	2.500	0.0060	2.495	0.88	0.003<	8.31	1
820518	1407	49174	18.60	0.002	0.010	2.500	0.0410	2.460	0.70	0.003<	8.71	0.2<W
820608	1406	49215	18.80	0.004	0.004<T	2.900	0.0030	2.895	0.70	0.003<	8.46	0.2<T
820713	1435	49256	20.10	0.001<	0.100	1.650	0.0215	1.630	0.75	0.003<	8.83	0.2<T
820818	1437	49297	18.60	0.005	0.008	1.350	0.0165	1.330	0.64	0.005	8.57	0.6<T
820929	1445	49338	20.10	0.001<	0.006	3.570	0.0020	3.570	0.73	0.003<	8.45	1.6
821026	1410	49379	22.00	0.008	0.012	3.05	0.0675	2.980	0.70	0.003<	8.63	0.6<T
821122	1420	49420	17.50	0.004	0.014	4.670	0.0040	4.670	1.450	0.009	8.12	0.2<W
821214	1425	49461	18.60	0.001<	0.002<T	1.350	0.0015<T	1.350	0.750	0.003<	8.33	0.8
MAXIMUM			25.00	0.010	0.980	4.670	0.380	4.670	1.450	0.009	8.83	2
ARITH MEAN			18.69	0.005	0.134<A	2.95	0.050 <A	2.899	0.89	0.007	8.34	1 <A
GEOM MEAN			18.34		0.017<A	2.73	0.012 <A	2.681	0.86		8.33	1 <A
MINIMUM			10.50	0.002	0.002	1.350	0.0015	1.330	0.64	0.005	7.56	0.2
STD DEV (GEOM *)			3.54		0.297<A	1.13	0.106 <A	1.118	0.26		0.37	1 <A
# SAMP IN STATISTICS			12	9	12	12	12	12	12	4	12	12
% SAMP (EXCLUDED)				25						66		

(CONT D)

STORET CODE: 02
003
0150

DISTANCE: 133.250

[illegible]

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: AT BLAIR BRIDGE
 STATION TYPE: RIVER

STATION ID: 16-0184-012-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 43 23 11.30 LONG: 080 23 14.39 U T M: 17 0549625.0 4803700.0 4 REGION: 02 DISTANCE: 151.918

*INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	ALUT	BOD5	CLIDUR	COD	COND25	CUUT	DO	
						BOD						
				ALK	ALUMINUM	5 DAY	CHLORIDE	CHEM. OX	CONDUCT.	COPPER	DISOLVED	
				TOTAL	UNF.TOT.	TOT.DEM.	UNF.REAC	DEMAND	25C	UNF.TOT.	OXYGEN	
				MG/L	MG/L	MG/L	MG/L	MG/L	UMHO/CM	MG/L	MG/L	
				AS CAC03	AS AL	AS O	AS CL	AS O	AT 25 C	AS CU	AS O	
SAMPLE DATE	Y Y M M D D L M T	SAMPLE NUMBER	DEPTH M	PROJECT SUB-PROJ CODE								
820106	1155	49039	0.30	0101	220	0.160	0.4	60.00	27	690	0.007	11.90
820217	1400	49080	0.30	0101	239	0.370	2.6	184.00	24	1220	0.012	12.60
820302	1158	49121	0.30	0101	268	0.210	2.4	87.00	6	1035	0.010	12.90
820429	1135	49162	0.30	0101	196.7	0.210	0.49	1.45	6	620.0	0.003	11.00
820511	1145	49203	0.30	0101	199.4	0.182	0.26<T	37.00	23	633.0	0.014	15.80
820609	1140	49244	0.30	0101	207.5	0.200	0.75	56.00	22	660.0	0.011	14.20
820708	1140	49285	0.30	0101	180.1	0.100	0.52	62.00	22	660.0	0.011	12.20
820812	1150	49326	0.30	0101	192.6	0.150	1.17	39.40	16	142.0	0.004	11.90
820922	1215	49367	0.30	0101	191.9	0.170	1.58	37.00	17.8	580.0	0.006	10.80
821007	1217	49408	0.30	0101	196.2	0.089	2.26	45.80	20.4	655.0	0.007	9.80
821123	1225	49449	0.30	0101	228.6	0.550	1.83	24.40		588.0	0.012	11.20
821215	1228	49490	0.30	0101	218.9	0.330	1.15	20.00	19.9	539.0	0.009	13.30
MAXIMUM		0.30			268	0.550	2.6	184.00	27	1220	0.014	15.80
ARITH MEAN		0.30			212	0.227	1.3 <A	54.50	19	668	0.009	12.30
GEOM MEAN					210	0.199	1.0 <A	36.63	17	608	0.008	12.21
MINIMUM		0.30			180.1	0.089	0.26	1.45	6	142.0	0.003	9.80
STD DEV (GEOM *)					25	0.131	0.8 <A	46.46	7	261	0.003	1.62
# SAMP IN STATISTICS		12			12	12	12	12	11	12	12	12
% SAMP (EXCLUDED)												

*INTERIM TEST-NAME:		FCNF	FEUT	FSMF	FWSTRC	FWTEMP	NNHTFR	NNOTFR	NN02FR	NN03FR	NNTKUR	
		FECAL	IRON	FECAL			NH3-N				K'DAHL N	
		COLIFORM	UNF.TOT.	STREPCUS			TOTAL	N02+N03N	N02-N	N03-N	TOTAL	
		MF	MG/L	MF		WATER	FIL.REAC	FIL.REAC	FIL.REAC	FIL.REAC	FIL.TOT.	
		CNT	AS FE	CNT	STREAM	TEMP	MG/L	MG/L	MG/L	MG/L	MG/L	
		/100HL		/100ML	COND.	DEG.C	AS N	AS N	AS N	AS N	AS N	
SAMPLE DATE	Y Y M M D D L M T	SAMPLE NUMBER										
820106	1155	49039	560	0.19	630	4	0.0	0.380	3.600	0.400	3.200	1.30
820217	1400	49080	30<=>	0.67	10<=>	8	0.5	0.006	5.500	1.350	4.150	0.90
820302	1158	49121	10<	0.16	20<=>	8	0.5	1.950	3.800	0.3400	3.460	2.75
820429	1135	49162	10<	0.310	10<	8	12.5	0.002<W	3.650	0.0010<T	3.650	0.58
820511	1145	49203	290	0.095	60<=>	8	14.0	0.002<W	2.750	0.0660	2.680	0.60
820609	1140	49244	20<=>	0.230	30<=>	7	18.5	0.010	3.350	0.0870	3.265	0.78
820708	1140	49285	30<=>	0.155	70<=>	7	24.0	0.026	1.550	0.0040	1.550	1.13
820812	1150	49326	220	0.425	160	7	19.0	0.006	1.400	0.0060	1.390	0.71
820922	1215	49367	230	0.305	100	7	14.5	0.004<T	1.900	0.0030	1.900	0.88
821007	1217	49408	910	0.150	410	7	16.0	0.002<T	1.700	0.0070	1.690	0.66
821123	1225	49449	430	0.795	530	8 6	6.5	0.008	4.720	0.0170	4.700	0.900
821215	1228	49490	200	0.430	230	8 6	3.5	0.004<T	3.400	0.0020	3.400	0.690

(C O N T D)

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: AT BLAIR BRIDGE
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STATION ID: 16-0184-012-02

STORET CODE: 02
 003
 0150

LAT: 43 23 11.30 LONG: 080 23 14.39

U T M: 17 0549625.0 4803700.0 4

REGION: 02

DISTANCE: 151.918

*=INTERIM TEST-NAME:		FECAL COLIFORM	FEUT IRON UNF.TOT. MG/L AS FE	FSMF FECAL STREPCUS MF CNT /100ML	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NN02FR NO2-N FIL.REAC MG/L AS N	NN03FR NO3-N FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	CNT /100ML	CNT /100ML							
		MAXIMUM	910	0.795	630	24.0	1.950	5.500	1.350	4.700	2.75
		ARITH MEAN	292	0.33	205	10.8	0.200<A	3.110	0.190 <A	2.920	0.99
		GEOM MEAN		0.27			0.012<A	2.848	0.023 <A	2.718	0.89
		MINIMUM	20	0.095	10	0.0	0.002	1.400	0.0010	1.390	0.58
		STD DEV (GEOM *)		0.22			0.561<A	1.293	0.390 <A	1.077	0.59
		# SAMP IN STATISTICS	10	12	11	12	12	12	12	12	12
		% SAMP (EXCLUDED)	16		8						

*=INTERIM TEST-NAME:		PBUT LEAD UNF.TOT. MG/L AS PB	PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	PP04FR P04 FIL.REAC MG/L AS P	PPUT PHOSPHOR UNF.TOT. MG/L AS P	RSF RESIDUE FILTERED MG/L	RSP RESIDUE PARTIC. MG/L	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	TURB TURB'ITY FTU	
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER										
820106	1155	49039	0.006	8.11	1 <T	0.059	0.148	439	3.9	5400<=>	41000	4.60
820217	1400	49080	0.008	7.51	1	0.100	0.220	738	25.0	340	1200	3.40
820302	1158	49121	0.003<	8.08	2	0.078	0.140	567.0	4.500	170	410	3.10
820429	1135	49162	0.003<	8.36	0.4<T	0.0320	0.061	411.0	6.940	90<=>	2900	4.50
820511	1145	49203	0.003<	8.59	0.4<T	0.0090	0.028	427.0	0.005<W	2400	21000	2.50
820609	1140	49244	0.003<	8.57	0.2<T	0.0260	0.058	431.0	3.710	420<=>	4400	2.40
820708	1140	49285	0.003<	8.43	0.6<T	0.0540	0.210	439.0	5.020	400<=>	24000>	3.10
820812	1150	49326	0.005	8.54	-0.6<T	0.0440	0.090	374.0	13.800	1600<=>	170000	1.33
820922	1215	49367	0.006	8.29	0.2<W	0.0310	0.063			1900<=>	12000	6.10
821007	1217	49408	0.003	8.13	1.4	0.0230	0.047	500.0	5.340	6600<=>	31000	2.40
821123	1225	49449	0.010	8.21	1.0	0.0855	0.143	405.0	27.500	5700	22000	15.70
821215	1228	49490	0.004	8.52	1.8	0.0600	0.093	354.0	12.500	1380<=>	5600	10.80
		MAXIMUM	0.010	8.59	2	0.100	0.220	738	27.500	6600	170000	15.70
		ARITH MEAN	0.006	8.28	1 <A	0.050	0.108	462	9.8 <A	2200	28319	4.99
		GEOM MEAN		8.27		0.042	0.091	453	4.2 <A	1050		3.93
		MINIMUM	0.003	7.51	-0.6	0.0090	0.028	354.0	0.005	90	410	1.33
		STD DEV (GEOM *)		0.31		0.028	0.063	108	9.0 <A	4*		4.19
		# SAMP IN STATISTICS	7	12	12	12	12	11	11	12	11	12
		% SAMP (EXCLUDED)	41								8	

(C O N T D)

B.O.W./ SITE: GRAND RIVER
SAMPLE POINT: AT BLAIR BRIDGE
STATION TYPE: RIVER

STATION ID: 16-0184-012-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

LAT: 43 23 11.30 LONG: 080 23 14.39

U T M: 17 0549625.0 4803700.0 4

REGION: 02

DISTANCE: 151.918

*=INTERIM TEST-NAME: ZNUT
ZINC
SAMPLE UNF.TOT.
DATE HOUR SAMPLE MG/L
YYMMDD LMT NUMBER AS ZN

820106	1155	49039	0.008
820217	1400	49080	0.029
820302	1158	49121	0.016
820429	1135	49162	0.012
820511	1145	49203	0.004
820609	1140	49244	0.007
820708	1140	49285	0.005
820812	1150	49326	0.004
820922	1215	49367	0.004
821007	1217	49408	0.004
821123	1225	49449	0.010
821215	1228	49490	0.006

MAXIMUM 0.029

ARITH MEAN 0.009

GEOM MEAN 0.007

MINIMUM 0.004

STD DEV (GEOM *) 0.007

SAMP IN STATISTICS 12

% SAMP (EXCLUDED)

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: AT BRIDGEPORT BRIDGE
 STATION TYPE: RIVER

STATION ID: 16-0184-015-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 43 28 54.16 LONG: 080 28 55.92 U T M: 17 0541875.0 4814225.0 4 REGION: 02 DISTANCE: 177.506

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	CLIDUR	COD	COND25	DO	DOC	FCMF	FSMF	FWSTRC
				CHLORIDE	CHEM. OX	CONDUCT.	DISOLVED	DISOLVED	FECAL	FECAL	
				UNF.REAC	DEMAND	25C	OXYGEN	ORGANIC	COLIFORM	STREPCUS	
SAMPLE		SAMPLE	PROJECT	MG/L	MG/L	UMHO/CM	MG/L	MG/L	MF	MF	STREAM
DATE	HOUR	DEPTH	SUB-PROJ	AS CL	AS O	AT 25 C	AS O	AS C	CNT	CNT	COND.
YYMMDD	LMT	NUMBER	CODE						/100ML	/100ML	
820106	0940	49033	0101	30.00	15.74	600	12.50	6.5	960	1200	8 6
820217	1115	49074	0101	271.00	39	1450	11.30	4.0	220	120	4
820302	1010	49115	0101	59.00	16	900	13.40	5.3	220	50<=>	8
820429	1010	49156	0101	1.15	10	508.0	11.20	4.9	10<	20<=>	8
820511	0950	49197	0101	18.30	29	450.0	11.60	4.8	10<	10<	8
820609	0945	49238	0101	23.40	18	534.0	10.90	5.5	10<	10<	8
820708	0950	49279	0101	22.20	24	480.0	7.60	6.0	60<=>	20<=>	8 6
820812	0951	49320	0101	17.60	16	437.0	9.20	6.0	210	50<=>	7
820922	1018	49361	0101	20.30	21.6	471.0	9.60	5.7	230	130	8 6
821007	1005	49402	0101	21.70	22.4	482.0	8.80	5.7	420	90<=>	8 6
821123	1007	49443	0101	18.20	21.6	560.0	11.40	6.4	730	1210	8 6
821215	1015	49484	0101	13.10	26.0	489.0	13.80	5.9	80<=>	70<=>	8 6
MAXIMUM		0.30		271.00	39	1450	13.80	6.5	960	1210	
ARITH MEAN		0.30		43.00	22	613	10.94	5.6	348	296	
GEOM MEAN				21.49	20	573	10.79	5.5			
MINIMUM		0.30		1.15	10	437.0	7.60	4.0	60	20	
STD DEV (GEOM *)				73.06	8	291	1.86	0.7			
# SAMP IN STATISTICS		12		12	12	12	12	12	9	10	
% SAMP (EXCLUDED)									25	16	

*=INTERIM TEST-NAME:		FWTEMP	NNHTFR	NNOTFR	NNO2FR	NNO3FR	NNTKUR	PH	PP04FR	PPUT	RSF	
			NH3-N				K'DAHL N					
			TOTAL	NO2+NO3N	NO2-N	NO3-N	TOTAL		P04	PHOSPHOR		
SAMPLE		WATER	FIL.REAC	FIL.REAC	FIL.REAC	FIL.REAC	FIL.TOT.		FIL.REAC	UNF.TOT.	RESIDUE	
DATE	HOUR	TEMP	MG/L	MG/L	MG/L	MG/L	MG/L		MG/L	MG/L	FILTERED	
YYMMDD	LMT	DEG.C	AS N	AS N	AS N	AS N	AS N	PH	AS P	AS P	MG/L	
820106	0940	49033	0.0	0.336	3.400	0.440	2.960	1.22	8.14	0.140	0.138	375
820217	1115	49074	0.0	0.130	2.850	0.265	2.580		7.87	0.028	0.053	853
820302	1010	49115	0.0	0.308	3.450	0.048	3.400	0.83	8.02	0.025	0.041	524.0
820429	1010	49156	10.0	0.002<T	2.800	0.0010<T	2.800	0.62	8.38	0.0130	0.182	335.0
820511	0950	49197	13.0	0.006	1.900	0.0520	1.850	0.65	8.32	0.0030	0.025	277.0
820609	0945	49238	17.0	0.008	3.250	0.0540	3.195	0.73	8.41	0.0090	0.048	388.0
820708	0950	49279	23.0	0.026	1.200	0.0400	1.160	0.68	8.24	0.0145	0.100	334.4
820812	0951	49320	17.0	0.002<T	1.000	0.0015	1.000	0.66	8.38	0.0150	0.040	271.0
820922	1018	49361	14.0	0.002<T	1.350	0.0890	1.260	0.60	8.36	0.0220	0.050	
821007	1005	49402	15.5	0.008	1.300	0.0585	1.240	0.79	8.16	0.0180	0.055	287.0
821123	1007	49443	6.0	0.008	4.720	0.0135	4.710	0.825	8.45	0.0590	0.107	386.0
821215	1015	49484	3.0	0.004<T	3.150	0.0020	3.150	0.690	8.54	0.0455	0.083	322.0

(C O N T D)

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: AT BRIDGEPORT BRIDGE
 STATION TYPE: RIVER

STATION ID: 16-0184-015-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 43 28 54.16 LONG: 080 28 55.92 U T M: 17 0541875.0 4814225.0 4 REGION: 02 DISTANCE: 177.506

*=INTERIM TEST-NAME:			FWTEMP	NNHTFR NH3-N TOTAL	NNOTFR NO2+NO3N FIL.REAC	NNO2FR NO2-N FIL.REAC	NNO3FR NO3-N FIL.REAC	NNTKUR K'DAHL N TOTAL	PH	PP04FR P04 FIL.REAC	PPUT PHOSPHOR UNF.TOT.	RSF RESIDUE FILTERED
SAMPLE DATE YYMMDD	HOUR LNT	SAMPLE NUMBER	WATER TEMP DEG.C	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.TOT. MG/L AS N	PH	MG/L AS P	MG/L AS P	MG/L
MAXIMUM			23.0	0.336	4.720	0.440	4.710	1.22	8.54	0.140	0.182	853
ARITH MEAN			9.9	0.070<A	2.531	0.089 <A	2.442	0.75	8.27	0.033	0.077	396
GEOM MEAN				0.013<A	2.264	0.027 <A	2.181	0.74	8.27	0.021	0.066	373
MINIMUM			0.0	0.002	1.000	0.0010	1.000	0.60	7.87	0.0030	0.025	271.0
STD DEV (GEOM *)				0.123<A	1.163	0.132 <A	1.147	0.17	0.19	0.037	0.047	167
# SAMP IN STATISTICS			12	12	12	12	12	11	12	12	12	11
% SAMP (EXCLUDED)												

*=INTERIM TEST-NAME:			RSP	TCMF COLIFORM TOTAL	TCMFBK COLIFORM TOTAL MF	TURB
SAMPLE DATE YYMMDD	HOUR LNT	SAMPLE NUMBER	RESIDUE PARTIC. MG/L	MF CNT /100ML	BCKGRD CNT /100ML	TURB'ITY FTU
820106	0940	49033	5.4	11000	52000	7.40
820217	1115	49074	6.4	4600	5200	4.20
820302	1010	49115	2.000	1600	4700	2.70
820429	1010	49156	7.800	140<=>	2800	4.70
820511	0950	49197	3.510	1500	13000	3.50
820609	0945	49238	5.580	230	740	1.37
820708	0950	49279	8.130	350<=>	24000>	4.20
820812	0951	49320	8.500	490<=>	9000	3.30
820922	1018	49361		1120<=>	18000	4.40
821007	1005	49402	6.070	4700	24000	2.10
821123	1007	49443	20.900	7800<=>	28000	10.80
821215	1015	49484	13.900	820	4800	7.10

MAXIMUM	20.900	11000	52000	10.80
ARITH MEAN	8.0	2862	14749	4.65
GEOM MEAN	6.7	1297		4.03
MINIMUM	2.000	140	740	1.37
STD DEV (GEOM *)	5.3	4*		2.63
# SAMP IN STATISTICS	11	12	11	12
% SAMP (EXCLUDED)			8	

B.O.W./ SITE: CANAGAGIGUE CREEK

SAMPLE POINT: FIRST BRIDGE DOWNSTREAM FROM ELMIRA STP

STATION TYPE: RIVER FLOW GAUGE FED 02GA023

MAJOR BASIN: GREAT LAKES

MINOR BASIN: LAKE ERIE

TERM STREAM: GRAND RIVER

STATION ID: 16-0184-016-02

STORET CODE: 02

003

0150

LAT: 43 35 03.70

LONG: 080 32 03.38

U T M: 17 0537600.0 4825600.0 4

REGION: 02

DISTANCE: 202.128

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	ALUT	BOD5	CAUR	CDUT	CLIDUR	COD	COLAP
						BOD 5 DAY	CALCIUM	CADMIUM	CHLORIDE	CHEM. OX	COLOUR
SAMPLE DATE	HOUR	SAMPLE	PROJECT	ALK	ALUMINUM	TOT. DEM.	UNF. REAC	UNF. TOT.	UNF. REAC	DEMAND	APPEARANT
YYMMDD	LMT	NUMBER	SUB-PROJ	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	HZU
			CODE	AS CAC03	AS AL	AS O	AS CA	AS CD	AS CL	AS O	
820120	0955	49023	0101	301	0.600	1.2	106.0	0.0001<	90.00	35	28.9
820209	0958	49064	0101	235	0.560		94.0	0.0001	94.00	20	25.4
820324	0925	49105	0101	143	1.000	3.8	48.0	0.0001	31.00	8	42.2
820414	0945	49146	0101	191	1.300	1.0	67.0	0.0004	45.00	65	42.0
820520	0943	49187	0101	172.2	0.610	4.35	75.1	0.0002<	122.00	25	44.4
820624	0955	49228	0101	228.3	0.500	3.47	81.6	0.0002<	54.00	24	38.2
820715	0940	49269	0101	180.5	0.084	4.26	59.8	0.0002<	47.00	28	28.3
820831	0943	49310	0101	177.0	0.270	9.40	58.5	0.0002<	74.50	30	28.4
820923	0950	49351	0101	243.0	0.850	5.98	83.2	0.0002<		32	33.7
821014	0953	49392	0101	228.0	0.420	5.16	79.6	0.0002<	65.00	43.6	22.5
821125	0943	49433	0101	267.7	0.890	2.84	88.1	0.0002<	34.70		20.7
821208	0940	49474	0101	248.9	1.400	2.58	88.1	0.0002<	28.00	28.9	25.8
MAXIMUM		0.30		301	1.400	9.40	106.0	0.0004	122.00	65	44.4
ARITH MEAN		0.30		218	0.707	4.0	77.4	0.0002	62.29	31	31.7
GEOM MEAN				213	0.576	3.4	75.7		56.06	28	30.8
MINIMUM		0.30		143	0.084	1.0	48.0	0.0001	28.00	8	20.7
STD DEV (GEOM *)				46	0.395	2.3	16.6		30.02	14	8.2
# SAMP IN STATISTICS		12		12	12	11	12	3	11	11	12
% SAMP (EXCLUDED)								75			

*=INTERIM TEST-NAME:		COND25	CRUT	CUUT	DO	FCMF	FEUT	FSMF	FWFLOW	FWSTRC	FWTEMP	
		CONDUCT.	CHROMIUM	COPPER	DISOLVED	FECAL	IRON	FECAL	STREAM			
SAMPLE DATE	HOUR	25C	UNF. TOT.	UNF. TOT.	OXYGEN	COLIFORM	UNF. TOT.	STREPCUS	FLOW		WATER	
YYMMDD	LMT	UMHO/CM	MG/L	MG/L	MG/L	MF	MG/L	MF	M3	COND.	TEMP	
		AT 25 C	AS CR	AS CU	AS O	CNT	AS FE	CNT	/S		DEG.C	
						/100ML		/100ML				
820120	0955	49023	1090	0.005	0.012	12.90	10800	1.62	1800	0.368	4	0.0
820209	0958	49064	1240	0.005	0.011	11.20	13300	1.45	2100	0.325	4	0.0
820324	0925	49105	480	0.006	0.008	12.40	760	1.200	7600	7.210	3	2.0
820414	0945	49146	660	0.008	0.013	12.40	840	1.440	820	4.090	8	3.0
820520	0943	49187	1090.0	0.005	0.012	7.50	15000>	0.830	10000	0.466	8 6	16.8
820624	0955	49228	768.0	0.003	0.011	9.30	2800	0.910	4500	1.440	8 6	15.0
820715	0940	49269	636.0	0.001	0.016	6.10	760	0.190	280	0.488	5 7	21.0
820831	0943	49310	775.0	0.002	0.005	6.70	900<=>	0.855	1600	0.772	5 7	16.0
820923	0950	49351	733.0	0.003	0.007	7.70	3000>	1.520	3000>	2.050	9	13.5
821014	0953	49392	839.0	0.003	0.018	7.30	4400	1.330	500<=>	0.814	8 6	11.5
821125	0943	49433	710.0	0.004	0.020	12.40	2100	0.800	3300	4.500	8 6	3.0
821208	0940	49474	666.0	0.003	0.008	12.00	1900	1.475	1540	6.610	8 6	4.0

(C O N T D)

B.O.W./ SITE: CANAGAGIGUE CREEK

STATION ID: 16-0184-016-02

SAMPLE POINT: FIRST BRIDGE DOWNSTREAM FROM ELMIRA STP

STATION TYPE: RIVER FLOW GAUGE FED 02GA023

MAJOR BASIN: GREAT LAKES

MINOR BASIN: LAKE ERIE

TERM STREAM: GRAND RIVER

STORET CODE: 02

003

0150

LAT: 43 35 03.70

LONG: 080 32 03.38

U T M: 17 0537600.0 4825600.0 4

REGION: 02

DISTANCE: 202.128

*=INTERIM TEST-NAME:			COND25	CRUT	CUUT	DO	FCMF FECAL	FEUT	FSMF FECAL	FWFLOW	FWSTRC	FWTEMP
			CONDUCT. 25C	CHROMIUM UNF.TOT.	COPPER UNF.TOT.	DISOLVED OXYGEN	COLIFORM MF	IRON UNF.TOT.	STREPCUS MF	STREAM FLOW		WATER TEMP
SAMPLE DATE	HR	SAMPLE NUMBER	UMHO/CM AT 25 C	MG/L AS CR	MG/L AS CU	MG/L AS O	CNT /100ML	MG/L AS FE	CNT /100ML	M3 /S	STREAM COND.	DEG.C
MAXIMUM			1240	0.008	0.020	12.90	13300	1.62	10000	7.210		21.0
ARITH MEAN			807	0.004	0.012	9.82	3856	1.13	3095	2.428		8.8
GEOM MEAN			781	0.004	0.011	9.48		1.01		1.371		
MINIMUM			480	0.001	0.005	6.10	760	0.190	280	0.325		0.0
STD DEV (GEOM *)			222	0.002	0.005	2.63		0.42		2.525		
# SAMP IN STATISTICS			12	12	12	12	10	12	11	12		12
% SAMP (EXCLUDED)							16		8			

*=INTERIM TEST-NAME:			HARDT	HGUT	KKUR	MGUR	MNUT	NAUR	NIUT	NNHTFR NH3-N	NNOTFR	NNO2FR
			HARDNESS TOTAL	MERCURY UNF.TOT.	POTASSIM UNF.REAC	MAGNESIM FIL.REAC	MANGANSE UNF.TOT.	SODIUM UNF.REAC	NICKEL UNF.TOT.	TOTAL FIL.REAC	NO2+NO3N MG/L	NO2-N FIL.REAC
SAMPLE DATE	HR	SAMPLE NUMBER	MG/L AS CACO3	UG/L AS HG	MG/L AS K	MG/L AS MG	MG/L AS MN	MG/L AS NA	MG/L AS NI	MG/L AS N	MG/L AS N	MG/L AS N
820120	0955	49023	380	0.14U	3.60	28.00	0.148	79.0	0.004	2.500	5.500	0.155
820209	0958	49064	344	0.16U	3.35	26.50	0.142	127.0	0.004	0.030	4.900	0.013
820324	0925	49105	171	0.16U	6.20	12.50	0.1040	18.0	0.003	0.012	6.600	0.003
820414	0945	49146	233	0.16U	3.45	16.00	0.0560	38.0	0.003	0.006	3.450	0.0100
820520	0943	49187	273.0	0.17U	5.32	20.70	0.212	115.00	0.001	0.022	7.250	0.0210
820624	0955	49228	293.0	0.14	4.02	21.60	0.108	44.50	0.001<	0.012	7.750	0.0050
820715	0940	49269	231.0	0.15U	3.26	19.90	0.015	38.20	0.001<	0.016	3.250	0.0155
820831	0943	49310	233.0	0.06	3.84	21.20	0.1350	68.50	0.002	0.016	2.800	0.0120
820923	0950	49351	298.0	0.04<T	69.30	21.90	0.1700	35.90	0.001	0.008	4.800	0.0120
821014	0953	49392	281.0	0.02<	4.50	20.00	0.2150	59.20	0.002	0.010	4.000	0.0110
821125	0943	49433	314.0	0.04<	3.90	22.80	0.0580	22.00	0.002	0.016	7.500	0.0380
821208	0940	49474	304.0	0.03<	3.94	20.40	0.0650	17.70	0.001	0.002<T	7.750	0.0080
MAXIMUM			380	0.17	69.30	28.00	0.2150	127.0	0.004	2.500	7.750	0.155
ARITH MEAN			280	0.13<A	9.56	20.96	0.119	55.2	0.002	0.221<A	5.462	0.025
GEOM MEAN			274		5.13	20.56	0.098	45.4		0.018<A	5.153	0.014
MINIMUM			171	0.04	3.26	12.50	0.015	17.70	0.001	0.002	2.800	0.003
STD DEV (GEOM *)			56		18.83	4.09	0.063	36.3		0.718<A	1.860	0.042
# SAMP IN STATISTICS			12	9	12	12	12	12	10	12	12	12
% SAMP (EXCLUDED)				25					16			

(C O N T D)

B.O.W./ SITE: CANAGAGIGUE CREEK
 SAMPLE POINT: FIRST BRIDGE DOWNSTREAM FROM ELMIRA STP
 STATION TYPE: RIVER FLOW GAUGE FED 02GA023

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STATION ID: 16-0184-016-02

STORET CODE: 02
 003
 0150

LAT: 43 35 03.70 LONG: 080 32 03.38

U T M: 17 0537600.0 4825600.0 4

REGION: 02

DISTANCE: 202.128

*=INTERIM TEST-NAME:		NN03FR	NNTKUR	PBUT	PH	PHNOL	PP04FR	PPUT	PSAMF	PSAMFB	RSF
		NO3-N	K'DAHL N	LEAD		PHENOLS	PO4	PHOSPHOR	PSEUDOMN	PSEUDOMN	
		FIL.REAC	TOTAL	UNF.TOT.		UNF-REAC	FIL.REAC	UNF.TOT.	AERUG.	AERUG.	RESIDUE
SAMPLE		MG/L	MG/L	MG/L		UG/L	MG/L	MG/L	CNT	MF BKGD	MF BKGD
DATE HOUR		AS N	AS N	AS PB	PH	PHENOL	AS P	AS P	/100ML	/100ML	MG/L
YYMMDD LMT		NUMBER									
820120	0955	49023	5.340	4.38	0.009	7.70	104	0.210	0.488	600>	709
820209	0958	49064	4.890	4.10	0.003<	7.68	132	0.085	0.398	252<=>	819
820324	0925	49105	6.600	1.50	0.003<	7.35	2	0.500	0.610	70<=>	317
820414	0945	49146	3.440	1.22	0.003<	8.02	8	0.1200	0.218	10<	400.0
820520	0943	49187	7.230	3.05	0.010	7.26	61.0	0.3800	0.530	700	697.0
820624	0955	49228	7.750	1.00	0.003<	8.00	6.6	0.220	0.220	20<=>	508.0
820715	0940	49269	3.230	0.79	0.003<	7.48	3.8	0.0990	0.130	20<=>	421.0
820831	0943	49310	2.790	1.20	0.003	7.89	5.6	0.0910	0.230	10<	499.0
820923	0950	49351	4.790	1.25	0.003<	7.70	2.6	0.2500	0.347	560	496.0
821014	0953	49392	3.990	1.28	0.008	7.98	5.6	0.2350	0.370	30<=>	559.0
821125	0943	49433	7.460	1.100	0.003	8.45	2.8	0.1000	0.173	130	474.0
821208	0940	49474	7.740	0.840	0.006	8.21	1.4	0.0920	0.189	80<=>	473.0
MAXIMUM		7.750	4.38	0.010	8.45	132	0.500	0.610	700	210000	819
ARITH MEAN		5.437	1.81	0.006	7.81	28	0.197	0.325	207	19357	531
GEOM MEAN		5.128	1.51		7.80	8	0.162	0.292			514
MINIMUM		2.790	0.79	0.003	7.26	1.4	0.085	0.130	20	20	317
STD DEV (GEOM *)		1.859	1.28		0.35	46	0.138	0.156			144
# SAMP IN STATISTICS		12	12	6	12	12	11	12	9	11	12
% SAMP (EXCLUDED)				50					25	8	

*=INTERIM TEST-NAME:		RSP	SS04UR	TCMF	TCMFBK	TURB	ZNUT
		RESIDUE	SULPHATE	COLIFORM	COLIFORM		ZINC
		PARTIC.	UNF.REAC	TOTAL	TOTAL MF		UNF.TOT.
		MG/L	MG/L	MF	BCKGRD		MG/L
SAMPLE		AS S04		CNT	CNT	TURB*ITY	AS ZN
DATE HOUR				/100ML	/100ML	FTU	
YYMMDD LMT		NUMBER					
820120	0955	49023	41.2	156.0	91000<=>	230000	0.029
820209	0958	49064	32.2	229.0	141000<=>	230000	0.085
820324	0925	49105	34.3	35.0	10000	41000	0.020
820414	0945	49146	25.500		6500	21000	0.011
820520	0943	49187	20.400	180.0	139000<=>	970000	0.021
820624	0955	49228	22.500	84.5	21000	90000	0.012
820715	0940	49269	3.570	75.0	2500<=>	50000	0.012
820831	0943	49310	21.800	116.5	4400<=>	52000	0.011
820923	0950	49351	12.900	64.9	150000>	150000>	0.017
821014	0953	49392	33.600	120.6	32000<=>	350000	0.011
821125	0943	49433	53.500	55.64	19000	60000	0.014
821208	0940	49474	35.800	48.20	7400<=>	30000	0.008

(C O N T D)

B.O.W./ SITE: CANAGAGIGUE CREEK
SAMPLE POINT: FIRST BRIDGE DOWNSTREAM FROM ELMIRA STP
STATION TYPE: RIVER FLOW GAUGE FED 02GA023

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STATION ID: 16-0184-016-02

STORET CODE: 02
003
0150

LAT: 43 35 03.70 LONG: 080 32 03.38

U T M: 17 0537600.0 4825600.0 4

REGION: 02

DISTANCE: 202.128

*=INTERIM TEST-NAME:		RSP	SS04UR	TCMF	TCMFBK	TURB	ZNUT
			SULPHATE	COLIFORM	COLIFORM		ZINC
		RESIDUE	UNF.REAC	TOTAL	TOTAL MF		UNF.TOT.
SAMPLE	DATE	RESIDUE	MG/L	MF	BCKGRD		MG/L
DATE	HOUR	PARTIC.	MG/L	CNT	CNT	TURB'ITY	AS ZN
YYMMDD	LMT	NUMBER	AS S04	/100ML	/100ML	FTU	

MAXIMUM	53.500	229.0	141000	970000	29.00	0.085
ARITH MEAN	28.1	105.9	43073	193091	17.44	0.021
GEOM MEAN	23.9	90.9			14.22	0.016
MINIMUM	3.570	35.0	2500	21000	2.80	0.008
STD DEV (GEOM *)	13.3	61.2			8.49	0.021
# SAMP IN STATISTICS	12	11	11	11	12	12
% SAMP (EXCLUDED)			8	8		

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: BLOSSOM AVE BRIDGE NEWPORT
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STATION ID: 16-0184-024-02

STORET CODE: 02
 003
 0150

LAT: 43 05 57.28 LONG: 080 14 28.35

U T M: 17 0561750.0 4771900.0 4

REGION: 02

DISTANCE: 78.856

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	BOD5	CLIDUR	COND25	CUUT	DO	FCMF	FSMF
					BOD					FECAL	FECAL
				ALK	5 DAY	CHLORIDE	CONDUCT.	COPPER	DISOLVED	COLIFORM	STREPCUS
				TOTAL	TOT.DEM.	UNF.REAC	25C	UNF.TOT.	OXYGEN	MF	MF
				MG/L	MG/L	MG/L	UMHO/CM	MG/L	MG/L	CNT	CNT
				AS CAC03	AS O	AS CL	AT 25 C	AS CU	AS O	/100ML	/100ML
SAMPLE		SAMPLE	PROJECT								
DATE	HOUR	DEPTH	SUB-PROJ								
YYMMDD	LMT	NUMBER	CODE								
820107	1145	49005	0101	206		67.00	720	0.010	14.00	150	590
820204	1215	49046	0101	254	1.0	71.00	920	0.012	15.00	30<=>	1500>
820323	1100	49087	0101	176	2.8	28.00	465	0.020	14.70	160<=>	740
820405	1345	49128	0101	125	1.0	15.50	345	0.010U	12.60	440	380
820518	1125	49169	0101	181.9	0.83	54.00	675.0	0.012	9.80	20<	20<
820608	1121	49210	0101	203.3	0.93	35.40	599.0	0.027	9.90	160	40<=>
820713	1150	49251	0101	180.7	1.64	61.50	692.0	0.010	8.20	10<=>	10<=>
820818	1149	49292	0101	164.9	1.36	49.00	622.0	0.007	9.40	40<=>	30<=>
820929	1155	49333	0101	235.6	1.10	34.20	622.0	0.006	10.20	210	40<=>
821026	1150	49374	0101	215.4	1.23	54.00	730.0	0.008	12.00	30<=>	20<=>
821122	1156	49415	0101	239.5	2.31	31.00	592.0	0.016	11.80	620	730
821214	1200	49456	0101	225.2	1.21	24.00	571.0	0.009	15.00	30<=>	60<=>
MAXIMUM		0.30		254	2.8	71.00	920	0.027	15.00	620	740
ARITH MEAN		0.30		201	1.4	43.72	629	0.012	11.88	171	264
GEOM MEAN				197	1.3	39.91	613	0.011	11.66		
MINIMUM		0.30		125	0.83	15.50	345	0.006	8.20	10	10
STD DEV (GEOM *)				37	0.6	18.08	142	0.006	2.40		
# SAMP IN STATISTICS		12		12	11	12	12	12	12	11	10
% SAMP (EXCLUDED)										8	16

*=INTERIM TEST-NAME:		FWSTRC	FWTEMP	NNHTFR	NNOTFR	NN02FR	NN03FR	NNTKUR	PBUT	PH	PP04FR	
				NH3-N				K'DAHL N				
				TOTAL	NO2+NO3N	NO2-N	NO3-N	TOTAL	LEAD		P04	
				FIL.REAC	FIL.REAC	FIL.REAC	FIL.REAC	FIL.TOT.	UNF.TOT.		FIL.REAC	
				MG/L	MG/L	MG/L	MG/L	MG/L	MG/L		MG/L	
				AS N	AS N	AS N	AS N	AS N	AS PB	PH	AS P	
SAMPLE		STREAM	WATER									
DATE	HOUR	COND.	TEMP									
YYMMDD	LMT	COND.	DEG.C									
820107	1145	49005	4	0.0	0.328	3.350	0.425	2.930	1.00	0.008	8.11	0.038
820204	1215	49046	4	0.0	1.020	3.900	0.550	3.350	1.54	0.009	7.92	0.150
820323	1100	49087	3	1.8	0.394	3.700	0.005	3.950	1.50	0.005	7.77	0.175
820405	1345	49128	3	1.0	0.006	2.850	0.0065	2.845	0.95	0.003<	8.25	0.0850
820518	1125	49169	8 6	19.0	0.018	2.300	0.0080	2.290	0.60	0.003<	8.58	0.0120
820608	1121	49210	8 6	15.5	0.004<T	3.850	0.0040	3.845	0.83	0.003<	8.35	0.0360
820713	1150	49251	8 6	23.0	0.006	1.550	0.0155	1.530	0.90	0.003<	8.36	0.0195
820818	1149	49292	8 6	22.5	0.004<T	1.450	0.0130	1.440	0.76	0.003<	8.42	0.0290
820929	1155	49333	8 6	15.8	0.004<T	3.290	0.0020	3.290	0.82	0.003<	8.37	
821026	1150	49374	8 6	8.8	0.016	2.850	0.0950	2.760	0.60	0.003<	8.34	0.0170
821122	1156	49415	8 6	8.0	0.006	3.200	0.0040	3.200	0.975	0.009	8.20	0.0625
821214	1200	49456	8 6	1.0	0.002<T	3.650	0.0015<T	3.650	0.700	0.007	8.61	0.0635

(C O N T D)

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: BLOSSOM AVE BRIDGE NEWPORT
 STATION TYPE: RIVER

STATION ID: 16-0184-024-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 43 05 57.28 LONG: 080 14 28.35 U T M: 17 0561750.0 4771900.0 4 REGION: 02 DISTANCE: 78.856

*=INTERIM TEST-NAME:		FWSTRC	FWTEMP	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N	NNO2FR NO2-N FIL.REAC MG/L AS N	NNO3FR NO3-N FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	PBUT LEAD UNF.TOT. MG/L AS PB	PH PH	PP04FR P04 FIL.REAC MG/L AS P	
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C								
MAXIMUM				23.0	1.020	3.900	0.550	3.950	1.54	0.009	8.61	0.175
ARITH MEAN				9.7	0.151<A	2.995	0.094 <A	2.923	0.93	0.008	8.27	0.062
GEOM MEAN					0.018<A	2.861	0.014 <A	2.795	0.89		8.27	0.045
MINIMUM				0.0	0.002	1.450	0.0015	1.440	0.60	0.005	7.77	0.0120
STD DEV (GEOM *)					0.306<A	0.838	0.187 <A	0.820	0.31		0.25	0.055
# SAMP IN STATISTICS				12	12	12	12	12	5	12	11	
% SAMP (EXCLUDED)									58			

*=INTERIM TEST-NAME:		PPUT	RSF	RSP	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL NF BCKGRD CNT /100ML	TURB TURB'ITY FTU	ZNUT ZINC UNF.TOT. MG/L AS ZN	
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	PHOSPHOR UNF.TOT. MG/L AS P	RESIDUE FILTERED MG/L	RESIDUE PARTIC. MG/L				
820107	1145	49005	0.100	427	6.2	3200<=>	57000	5.50	0.012
820204	1215	49046	0.190	616	8.9	1400	5200	4.10	0.023
820323	1100	49087	0.390	287	200.0	1900	25000	103.00	0.028
820405	1345	49128	0.280	224.0	141.000	22000	31000	103.00	0.017U
820518	1125	49169	0.049	452.0	16.000	1100	11000	13.50	0.008
820608	1121	49210	0.085	400.0	21.400	2000	20000	10.90	0.090
820713	1150	49251	0.113	465.0	28.100	200<=>	10000	19.10	0.010
820818	1149	49292	0.088	413.0	29.900	5600<=>	92000	19.20	0.007
820929	1155	49333		442.4	22.700	3700	22000	10.20	0.009
821026	1150	49374	0.050	507.0	11.800	400<=>	14000	5.00	0.006
821122	1156	49415	0.237	462.0	98.800	7100<=>	26000	50.00	0.029
821214	1200	49456	0.130	408.0	28.700	600	4600	17.70	0.009
MAXIMUM			0.390	616	200.0	22000	92000	103.00	0.090
ARITH MEAN			0.156	425	51.1	4100	26483	30.10	0.021
GEOM MEAN			0.126	413	28.9	1944	18598	17.00	0.015
MINIMUM			0.049	224.0	6.2	200	4600	4.10	0.006
STD DEV (GEOM *)			0.108	99	62.0	4*	2*	36.14	0.023
# SAMP IN STATISTICS			11	12	12	12	12	12	12
% SAMP (EXCLUDED)									

B.O.W./ SITE: ALDER CREEK
 SAMPLE POINT: AT MANNHEIM BRIDGE
 STATION TYPE: RIVER

STATION ID: 16-0184-026-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 43 23 49.67 LONG: 080 32 57.45

U T M: 17 0536500.0 4804800.0 4

REGION: 02

DISTANCE: 188.288

*=INTERIM	TEST-NAME:	FWSADP	FGPROJ	ALKT	BOD5	CAUR	CLIDUR	COD	COND25	DO	DOC
				ALK	BOD	CALCIUM	CHLORIDE	CHEM. OX	CONDUCT.	DISOLVED	DICARBON
SAMPLE		SAMPLE	PROJECT	TOTAL	5 DAY	UNF.REAC	UNF.REAC	DEMAND	25C	OXYGEN	ORGANIC
DATE	HOUR	DEPTH	SUB-PROJ	MG/L	TOT.DEM.	MG/L	MG/L	MG/L	UMHO/CM	MG/L	MG/L
YYMMDD	LMT	NUMBER	CODE	AS CAC03	AS O	AS CA	AS CL	AS O	AT 25 C	AS O	AS C
820106	1110	49037	0101	201	3.0	87.0	74.00	27	830	10.40	8.9
820217	1305	49078	0101	229	4.2	83.0	93.00	30	920	12.10	6.3
820302	1125	49119	0101	298	10.0	87.0	134.00	49	1225	11.30	8.8
820429	1110	49160	0101	233.8	0.23<T	99.9	2.70	12	818.0	13.30	5.7
820511	1110	49201	0101	213.8	1.10	89.9	79.00	29	880.0	19.20	6.3
820609	1103	49242	0101	229.3	0.83	97.0	72.00	24	834.0	16.20	6.4
820708	1105	49283	0101	213.9	0.90	97.4	84.50	26	876.0	13.60	
820812	1110	49324	0101	212.8	1.28	88.2	85.00	14	851.0	16.50	4.2
820922	1130	49365	0101	271.0	19.30	97.5	83.50	19.6	844.0	10.30	4.2
821007	1132	49406	0101	275.5	2.14	91.3	52.20	16.4	735.0	10.00	4.5
821123	1144	49447	0101	266.1	1.48	97.2	47.50	25.6	679.0	11.10	6.1
821215	1153	49488	0101	225.9		93.1	62.00	25.0	795.0	13.00	3.8
MAXIMUM		0.30		298	19.30	99.9	134.00	49	1225	19.20	8.9
ARITH MEAN		0.30		239	4.0 <A	92.4	72.45	25	857	13.08	5.9
GEOM MEAN				237	2.0 <A	92.2	57.50	23	849	12.82	5.7
MINIMUM		0.30		201	0.23	83.0	2.70	12	679.0	10.00	3.8
STD DEV (GEOM *)				31	5.7 <A	5.4	31.17	10	133	2.89	1.7
# SAMP IN STATISTICS		12		12	11	12	12	12	12	12	11
% SAMP (EXCLUDED)											

*=INTERIM	TEST-NAME:	FCMF	FEUT	FSMF	FWSTRC	FWTEMP	KKUR	MGUR	NAUR	NNHTFR	NNOTFR
		FECAL	IRON	FECAL			POTASSIM	MAGNESIM	SODIUM	NH3-N	NO2+NO3N
SAMPLE		COLIFORM	UNF.TOT.	STREPCUS		WATER	UNF.REAC	FIL.REAC	UNF.REAC	FIL.REAC	FIL.REAC
DATE	HOUR	MF	MG/L	MF	STREAM	TEMP	MG/L	MG/L	MG/L	MG/L	MG/L
YYMMDD	LMT	CNT	AS FE	CNT	COND.	DEG.C	AS K	AS MG	AS NA	AS N	AS N
820106	1110	780	0.31	1500>	4	0.0	9.40	22.00	42.0	0.196	16.250
820217	1305	10<=>	0.78	90<=>	4	0.0	10.10	23.00	57.0	0.480	13.000
820302	1125	25000	1.08	108000	4	0.0	11.50	23.50	81.00	7.800	0.010
820429	1110	49160	0.200	100<	8	11.0	7.60	21.20	38.50	0.004<T	9.500
820511	1110	49201	0.135	40<=>	7	13.5	8.80	24.10	43.40	0.004<T	19.500
820609	1103	49242	0.380	240	5 7	16.5	7.96	21.80	38.30	0.006	7.500
820708	1105	49283	0.475	830	5 7	21.5	8.86	24.80	44.10	0.038	20.000
820812	1110	49324	0.335	560	5 7	15.0	9.36	24.00	41.50	0.008	18.250
820922	1130	49365	1.350	1660	5 7	12.0	8.56	22.80	43.40	0.010	6.000
821007	1132	49406	0.355	460	7	15.0	4.90	22.60	28.20	0.008	4.750
821123	1144	49447	0.405	420	8 6	6.5	6.30	20.20	24.30	0.010	9.100
821215	1153	49488	0.840	2900	8 6	2.5	8.10	22.00	36.10	0.006<T	14.100

(C O N T D)

B.O.W./ SITE: ALDER CREEK
 SAMPLE POINT: AT MANNHEIM BRIDGE
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

STATION ID: 16-0184-026-02

LAT: 43 23 49.67 LONG: 080 32 57.45 U T M: 17 0536500.0 4804800.0 4 REGION: 02 DISTANCE: 188.288

*INTERIM TEST-NAME:		FCMF FECAL COLIFORM	FEUT IRON UNF.TOT.	FSMF FECAL STREPCUS	FWSTRC	FWTEMP WATER TEMP	KKUR POTASSIM UNF.REAC	MGUR MAGNESIM FIL.REAC	NAUR SODIUM UNF.REAC	NNHTFR NH3-N TOTAL	NNOTFR NO2+NO3N FIL.REAC
DATE	HOUR	SAMPLE CNT	MG/L	MG/L	STREAM COND.	DEG.C	MG/L	MG/L	MG/L	MG/L	MG/L
YYMMDD	LMT	NUMBER	/100ML	AS FE			AS K	AS MG	AS NA	AS N	AS N
MAXIMUM		25000	1.350	108000		21.5	11.50	24.80	81.00	7.800	20.000
ARITH MEAN		3095	0.55	11520		9.5	8.45	22.67	43.1	0.714<A	11.497
GEOM MEAN		464	0.45				8.28	22.63	41.3	0.026<A	6.301
MINIMUM		10	0.135	40		0.0	4.90	20.20	24.30	0.004	0.010
STD DEV (GEOM *)		9*	0.38				1.72	1.32	14.5	2.236<A	6.375
# SAMP IN STATISTICS		12	12	10		12	12	12	12	12	12
% SAMP (EXCLUDED)				16							

*INTERIM TEST-NAME:		NNO2FR NO2-N FIL.REAC	NNO3FR NO3-N FIL.REAC	NNTKUR K'DAHL N TOTAL	PH	PHNOL PHENOLS UNF-REAC	PP04FR P04 FIL.REAC	PPUT PHOSPHOR UNF.TOT.	PSAMF PSEUDOMN AERUG.	PSAMFB PSEUDOMN AERUG.	RSF RESIDUE FILTERED	
DATE	HOUR	SAMPLE MG/L	MG/L	MG/L	PH	UG/L	MG/L	MG/L	CNT	MF BKGD CNT	MG/L	
YYMMDD	LMT	NUMBER	AS N	AS N		AS P	AS P	AS P	/100ML	/100ML		
820106	1110	49037	1.620	14.630	2.70	7.71	1 <T	1.100	1.110	4	112	559
820217	1305	49078	0.010	13.000	1.42	7.65	1 <T	1.600	1.600	10<	210	559
820302	1125	49119	0.006	0.005<T	10.9	7.74	12	2.0500	2.50	90<=>	4800	617.0
820429	1110	49160	0.0030	9.495	1.08	8.27	0.2<W	0.2700	0.413	10<	10<=>	528.0
820511	1110	49201	0.0120	19.500	1.42	8.58	0.2<W	1.2000	1.800			572.0
820609	1103	49242	0.0850	7.420	1.20	8.50	0.2<T		1.630	4<	44	537.0
820708	1105	49283	0.2300	19.800	1.75	8.40	0.2<T	2.1000	2.430			620.0
820812	1110	49324	0.0300	18.220	0.64	8.69	-0.2<T	2.0750	2.160	8	4	581.0
820922	1130	49365	0.0150	5.990	0.70	7.67	-0.4<T	0.1290	2.950	20<=>	10<	
821007	1132	49406	0.0210	4.730	0.70	8.10		1.7200	1.780	10<=>	10<	546.0
821123	1144	49447	0.0290	9.070	0.850	8.32	0.2<T	0.4750	0.535	12	120	477.0
821215	1153	49488	0.0020	14.1	1.100	8.38	1.0	1.1000	1.250	40	560	590.6
MAXIMUM		1.620	19.800	10.9	8.69	12	2.1000	2.950	90	4800	620.0	
ARITH MEAN		0.172	11.3 <A	2.0	8.17	1 <A	1.256	1.68	26	732	562	
GEOM MEAN		0.024	5.9 <A	1.4	8.16		0.953	1.47			561	
MINIMUM		0.0020	0.005	0.64	7.65	-0.4	0.1290	0.413	4	4	477.0	
STD DEV (GEOM *)		0.460	6.3 <A	2.8	0.38		0.725	0.77			41	
# SAMP IN STATISTICS		12	12	12	12	11	11	12	7	8	11	
% SAMP (EXCLUDED)									30	20		

(CONTD)

B.O.W./ SITE: ALDER CREEK
 SAMPLE POINT: AT MANNHEIM BRIDGE
 STATION TYPE: RIVER

STATION ID: 16-0184-026-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 43 23 49.67 LONG: 080 32 57.45 U T M: 17 0536500.0 4804800.0 4 REGION: 02 DISTANCE: 188.288

*=INTERIM TEST-NAME:		RSP	SS04UR	TCMF	TCMFBK
			SULPHATE	COLIFORM	COLIFORM
		RESIDUE	UNF.REAC	TOTAL	TOTAL MF
SAMPLE		PARTIC.	MG/L	MF	BCKGRD
DATE	HR			CNT	CNT
YYMMDD	LMT	SAMPLE	AS S04	/100ML	/100ML
		NUMBER	MG/L		
820106	1110	49037	14.0	70.0	13300<=> 113000
820217	1305	49078	24.7	73.0	190 2400
820302	1125	49119	20.300	78.0	30000 40000
820429	1110	49160	6.240	59.6	80<=> 4100
820511	1110	49201	5.440	72.0	2000<=> 30000
820609	1103	49242	1.820	72.5	4700<=> 41000
820708	1105	49283	11.600	73.0	5000<=> 85000
820812	1110	49324	7.280	81.0	2800<=> 90000
820922	1130	49365		51.6	6300<=> 34000
821007	1132	49406	6.260	38.1	600<=> 2800
821123	1144	49447	24.100	50.82	2200 10300
821215	1153	49488	31.000	57.70	10600<=> 36000
MAXIMUM		31.000	81.0	30000	113000
ARITH MEAN		13.9	64.8	6481	40717
GEOM MEAN		10.5	63.4	2535	22256
MINIMUM		1.820	38.1	80	2400
STD DEV (GEOM *)		9.7	13.0	6*	4*
# SAMP IN STATISTICS		11	12	12	12
% SAMP (EXCLUDED)					

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: AT COCKSUTTS BRIDGE BRANTFORD
 STATION TYPE: RIVER FLOW GAUGE FED 02GA001

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STATION ID: 16-0184-027-02

STORET CODE: 02
 003
 0150

LAT: 43 06 34.65 LONG: 080 14 42.27

U T M: 17 0561425.0 4773050.0 4

REGION: 02

DISTANCE: 92.535

*INTERIM TEST-NAME:		FWSADP	FGPROJ	CLIDUR	COD	COND25	DO	DOC	FCMF	FSMF	FWFLOW
				CHLORIDE	CHEM. OX	CONDUCT.	DISOLVED	DISOLVED	FECAL	FECAL	STREAM
				UNF. REAC	DEMAND	25C	OXYGEN	ORGANIC	COLIFORM	STREPCUS	FLOW
SAMPLE		SAMPLE	PROJECT	MG/L	MG/L	UMHO/CM	MG/L	MG/L	MF	MF	M3
DATE	HR	DEPTH	SUB-PROJ	AS CL	AS O	AT 25 C	AS O	AS C	CNT	CNT	/S
YYMMDD	LMT	NUMBER	CODE						/100ML	/100ML	
820107	1150	49006	0101	58.00	10	720	14.00	5.2	110	1130	32.400
820323	1110	49088	0101	29.00	6	471	14.70	5.4	60<=>	460	183.000
820405	1320	49129	0101	15.50	20	350	12.90	4.3	300	200	348.000
820518	1135	49170	0101	45.60	15	630.0	11.40	4.3	20<=>	20<	32.000
820608	1130	49211	0101	34.40	20	601.0	10.40	5.9	250	70<=>	67.800
820713	1202	49252	0101	48.50	18	637.0	10.00	4.8	20<=>	50<=>	24.400
820818	1201	49293	0101	46.50	14	601.0	11.50	5.0	30<=>	60<=>	22.000
820929	1207	49334	0101	33.50	30.4	620.0	10.90	5.5	410	110	94.000
821026	1210	49375	0101	47.60	26.7	693.0	13.60	4.7	10<	10<	28.900
821122	1213	49416	0101	25.70	29.2	578.0	12.30	5.9	1100	1230	192.000
821214	1215	49457	0101	24.00	25.0	579.0	15.20	5.7	580	150	107.000
MAXIMUM		0.30		58.00	30.4	720	15.20	5.9	1100	1230	348.000
ARITH MEAN		0.30		37.12	19	589	12.45	5.2	288	384	102.864
GEOM MEAN				34.80	18	579	12.33	5.1			67.573
MINIMUM		0.30		15.50	6	350	10.00	4.3	20	50	22.000
STD DEV (GEOM *)				13.01	8	102	1.77	0.6			101.949
# SAMP IN STATISTICS		11		11	11	11	11	11	10	9	11
% SAMP (EXCLUDED)									9	18	

*INTERIM TEST-NAME:		FWSTRC	FWTEMP	NNHTFR	NNOTFR	NN02FR	NN03FR	NNTKUR	PH	PP04FR	PPUT
				NH3-N				K'DAHL N			
				TOTAL	N02+N03N	N02-N	N03-N	TOTAL		P04	PHOSPHOR
SAMPLE			WATER	FIL. REAC	FIL. REAC	FIL. REAC	FIL. REAC	FIL. TOT.		FIL. REAC	UNF. TOT.
DATE	HR	SAMPLE	TEMP	MG/L	MG/L	MG/L	MG/L	MG/L		MG/L	MG/L
YYMMDD	LMT	NUMBER	DEG.C	AS N	AS N	AS N	AS N	AS N	PH	AS P	AS P
820107	1150	49006	8.6	0.344	3.450	0.330	3.120	0.92	8.17	0.046	0.088
820323	1110	49088	3	0.266	3.700	0.004	3.900	1.38	7.66	0.170	0.377
820405	1320	49129	3	0.006	2.700	0.0060	2.695	0.88	7.89	0.0810	0.288
820518	1135	49170	8.6	0.030	1.900	0.0700	1.730	0.61	8.42	0.0050	0.021
820608	1130	49211	8.6	0.006<T	3.850	0.0070	3.845	0.90	8.32	0.0300	0.095
820713	1202	49252	8.6	0.084	1.250	0.0460	1.205	0.73	8.41	0.0115	0.048
820818	1201	49293	8.6	0.006	1.300	0.0740	1.230	0.62	8.55	0.0215	0.055
820929	1207	49334	8.6	0.008	3.480	0.0025	3.480	0.92	8.48	0.0800	0.162
821026	1210	49375	8.6	0.018	2.500	0.0600	2.440	0.57	8.36	0.0110	0.033
821122	1213	49416	8.6	0.010	3.620	0.0035	3.620	1.230	8.12	0.0890	0.287
821214	1215	49457	8.6	0.004<T	3.650	0.0015<T	3.650	0.675	8.43	0.0650	0.122

(C O N T D)

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: AT COCKSUTTS BRIDGE BRANTFORD
 STATION TYPE: RIVER FLOW GAUGE FED 02GA001

STATION ID: 16-0184-027-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 43 06 34.65 LONG: 080 14 42.27

U T M: 17 0561425.0 4773050.0 4

REGION: 02

DISTANCE: 92.535

*=INTERIM TEST-NAME:		FWSTRC	FWTEMP	NNHTFR NH3-N TOTAL	NNOTFR NO2+NO3N FIL.REAC	NNO2FR NO2-N FIL.REAC	NNO3FR NO3-N FIL.REAC	NNTKUR K'DAHL N TOTAL	PH	PP04FR PO4 FIL.REAC	PPUT PHOSPHOR UNF.TOT.	
SAMPLE DATE	HOUR	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.TOT. MG/L AS N	PH	AS P	AS P	
MAXIMUM				23.0	0.344	3.850	0.330	3.900	1.38	8.55	0.170	0.377
ARITH MEAN				10.5	0.071<A	2.855	0.055 <A	2.810	0.86	8.26	0.055	0.143
GEOM MEAN					0.021<A	2.660	0.015 <A	2.597	0.83	8.25	0.036	0.099
MINIMUM				0.0	0.004	1.250	0.0015	1.205	0.57	7.66	0.0050	0.021
STD DEV (GEOM *)					0.119<A	0.986	0.096 <A	1.027	0.26	0.27	0.049	0.121
# SAMP IN STATISTICS				11	11	11	11	11	11	11	11	11
% SAMP (EXCLUDED)												

*=INTERIM TEST-NAME:		RSF	RSP	TCMF COLIFORM TOTAL MF	TCMFBK COLIFORM TOTAL MF BCKGRD	TURB TURB'ITY FTU
SAMPLE DATE	HOUR	SAMPLE NUMBER	RESIDUE FILTERED MG/L	RESIDUE PARTIC. MG/L	CNT /100ML	CNT /100ML
820107	1150	49006	429	6.6	3300<=>	63000
820323	1110	49088	299	111.0	2100	20000
820405	1320	49129	228.0	94.500	15000	43000
820518	1135	49170	431.0	6.150	1200	18000
820608	1130	49211	414.0	28.100	2000	21500
820713	1202	49252	434.0	15.100	240<=>	18000
820818	1201	49293	408.0	10.800	400<=>	19200
820929	1207	49334	435.0	47.700	2500<=>	50000
821026	1210	49375	452.0	7.750	200	1140
821122	1213	49416	466.0	101.000	7500<=>	70000
821214	1215	49457	396.0	14.300	3600	8000
MAXIMUM			466.0	111.0	15000	70000
ARITH MEAN			399	40.3	3458	30167
GEOM MEAN			392	23.2	1691	20223
MINIMUM			228.0	6.150	200	1140
STD DEV (GEOM *)			72	41.7	4*	3*
# SAMP IN STATISTICS			11	11	11	11
% SAMP (EXCLUDED)						

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: AT HIGHWAY NO 7 BRESLAU
 STATION TYPE: RIVER

STATION ID: 16-0184-028-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 43 28 46.66 LONG: 080 25 23.43

U T M: 17 0546650.0 4814025.0 4

REGION: 02

DISTANCE: 171.873

*INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	ALUT	BOD5	CAUR	CDUT	CLIDUR	COD	COND25
						BOD 5 DAY					
SAMPLE DATE	HOUR	SAMPLE DEPTH	PROJECT SUB-PROJ	ALK TOTAL MG/L	ALUMINUM UNF.TOT. MG/L	TOT.DEM. MG/L	CALCIUM UNF.REAC MG/L	CADMIUM UNF.TOT. MG/L	CHLORIDE UNF.REAC MG/L	CHEM. OX DEMAND MG/L	CONDUCT. 25C UMHO/CM
YYMMDD	LMT	NUMBER	CODE	AS CAC03	AS AL	AS O	AS CA	AS CD	AS CL	AS O	AT 25 C
820217	1055	49073	0101	253	0.190	0.2 <T	82.0	0.0001<	93.00	16	910
820302	0930	49114	0101	266	0.180	1.2	88.0	0.0004	46.00	10	860
820429	0940	49155	0101	190.9	0.210	0.33<T	61.4	0.0002<	1.90	6	513.0
820511	0925	49196	0101	168.2	0.213	2.02	54.4	0.0002<	21.20	23	466.0
820609	0931	49237	0101	204.1	0.150	1.17	68.5	0.0002	26.40	18	546.0
820708	0931	49278	0101	180.3	0.260	0.98	60.9	0.0002<	26.00	24	500.0
820812	0927	49319	0101	180.9	0.140	0.77	52.5	0.0002<	20.40	14	452.0
820922	0935	49360	0101	182.8	0.250	1.33	60.1	0.0002<	20.00	14.7	467.0
821007	0940	49401	0101	187.9	0.220	1.69	57.6	0.0002<	21.30	22.4	482.0
821123	0945	49442	0101	229.9	0.500	1.07	73.5	0.0002	18.20	25.6	557.0
821215	0950	49483	0101	214.7	0.440		72.1	0.0002<	13.60	23.0	500.0
MAXIMUM		0.30		266	0.500	2.02	88.0	0.0004	93.00	25.6	910
ARITH MEAN		0.30		205	0.250	1.1 <A	66.5	0.0003	28.00	18	568
GEOM MEAN				203	0.231	0.9 <A	65.6		20.40	17	552
MINIMUM		0.30		168.2	0.140	0.2	52.5	0.0002	1.90	6	452.0
STD DEV (GEOM *)				32	0.115	0.6 <A	11.4		23.99	6	160
# SAMP IN STATISTICS		11		11	11	10	11	3	11	11	11
% SAMP (EXCLUDED)								72			

*INTERIM TEST-NAME:		CRUT	CUUT	DO	DOC CARBON	FCMF FECAL COLIFORM	FEUT	FSMF FECAL STREPCUS	FWSTRC	FWTEMP	HARDT
		CHROMIUM UNF.TOT. MG/L	COPPER UNF.TOT. MG/L	DISOLVED OXYGEN MG/L	DISOLVED ORGANIC MG/L	MF CNT /100ML	IRON UNF.TOT. MG/L	MF CNT /100ML		WATER TEMP DEG.C	HARDNESS TOTAL MG/L
SAMPLE DATE	HOUR	SAMPLE NUMBER	AS CR	AS CU	AS O	AS C	AS FE		STREAM COND.		AS CAC03
820217	1055	49073	0.004	0.006	11.30	6.2	10<	0.18	20<=>	4	301
820302	0930	49114	0.005	0.009	13.90	5.3	10<	0.13	20<=>	8	323
820429	0940	49155	0.002<	0.002	11.80	4.8	10<	0.330	10<	8	222.0
820511	0925	49196	0.004	0.009	11.20	4.8	160	0.175	10<=>	8	206.0
820609	0931	49237	0.002	0.007	10.80	5.4	120	0.145	10<=>	8 6	246.0
820708	0931	49278	0.001	0.008	7.60	5.9	150	0.330	80<=>	8 6	232.0
820812	0927	49319	0.001	0.003	8.80	5.8	250	0.405	140	8 6	199.0
820922	0935	49360	0.001	0.014	9.60	5.6	260	0.330	90<=>	8 6	219.0
821007	0940	49401	0.002	0.016	8.60	5.7	1270	0.205	460	8 6	219.0
821123	0945	49442	0.002	0.010	11.20	6.4	670	0.735	1110	8 6	262.0
821215	0950	49483	0.002	0.013	13.40	6.0	110	0.545	40<=>	8 6	253.0

(C O N T D)

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: AT HIGHWAY NO 7 BRESLAU
 STATION TYPE: RIVER

STATION ID: 16-0184-028-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 43 28 46.66 LONG: 080 25 23.43 U T M: 17 0546650.0 4814025.0 4 REGION: 02 DISTANCE: 171.873

*=INTERIM	TEST-NAME:	CRUT	CUUT	DO	DOC	FCMF	FEUT	FSMF	FWSTRC	FWTEMP	HARDT
		CHROMIUM	COPPER	DISOLVED	DISOLVED	FECAL	IRON	FECAL			HARDNESS
SAMPLE		UNF.TOT.	UNF.TOT.	OXYGEN	ORGANIC	COLIFORM	UNF.TOT.	STREPCUS		WATER	TOTAL
DATE	HOUR	MG/L	MG/L	MG/L	MG/L	MF	MG/L	MF	STREAM	TEMP	MG/L
YYMMDD	LMT	AS CR	AS CU	AS O	AS C	CNT	AS FE	CNT	COND.	DEG.C	AS CAC03
	MAXIMUM	0.005	0.016	13.90	6.4	1270	0.735	1110		23.0	323
	ARITH MEAN	0.002	0.009	10.75	5.6	374	0.32	198		10.9	244
	GEOM MEAN		0.008	10.58	5.6		0.28				241
	MINIMUM	0.001	0.002	7.60	4.8	110	0.13	10		0.0	199.0
	STD DEV (GEOM *)		0.004	1.96	0.5		0.19				39
# SAMP	IN STATISTICS	10	11	11	11	8	11	10		11	11
% SAMP	(EXCLUDED)	9				27		9			

*=INTERIM	TEST-NAME:	MGUR	NIUT	NNHTFR	NNOTFR	NN02FR	NN03FR	NNTKUR	PBUT	PH	PHNOL	
		MAGNESIM	NICKEL	NH3-N	NO2+NO3N	NO2-N	NO3-N	K'DAHL N	LEAD		PHENOLS	
SAMPLE		FIL.REAC	UNF.TOT.	TOTAL	FIL.REAC	FIL.REAC	FIL.REAC	FIL.TOT.	UNF.TOT.		UNF-REAC	
DATE	HOUR	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L		UG/L	
YYMMDD	LMT	AS MG	AS NI	AS N	AS N	AS N	AS N	AS N	AS PB	PH	PHENOL	
820217	1055	49073	23.50	0.002	0.050	3.550	0.045	4.180	0.60	0.003<	8.02	1 <T
820302	0930	49114	25.00	0.003	0.760	3.700	0.0890	3.610	1.38	0.003<	8.05	1 <T
820429	0940	49155	16.60	0.002<	0.002<T	2.850	0.0010<T	2.850	0.59	0.003<	8.39	0.2<W
820511	0925	49196	17.00	0.001	0.004<T	1.900	0.0560	1.840	0.65	0.003<	8.35	0.2<W
820609	0931	49237	18.20	0.001	0.006	3.250	0.0680	3.180	0.65	0.003<	8.41	0.2<T
820708	0931	49278	19.40	0.001	0.018	1.200	0.0510	1.150	0.63	0.003<	8.19	0.2<T
820812	0927	49319	16.60	0.001<	0.002<T	1.100	0.0025	1.100	0.70	0.004	8.34	-0.2<T
820922	0935	49360	16.70	0.035	0.002<T	1.400	0.0280	1.370	1.38	0.003<	8.20	-0.4<T
821007	0940	49401	18.30	0.001	0.010	1.250	0.0790	1.170	0.78	0.006	8.19	
821123	0945	49442	19.00	0.001	0.016	4.620	0.0085	4.610	0.850	0.007	8.38	0.4<T
821215	0950	49483	17.80	0.005	0.010	3.150	0.0020	3.150	0.690	0.004	8.50	0.8
	MAXIMUM	25.00	0.035	0.760	4.620	0.0890	4.610	1.38	0.007	8.50	1	
	ARITH MEAN	18.92	0.006	0.080<A	2.543	0.039 <A	2.565	0.81	0.005	8.27	0 <A	
	GEOM MEAN	18.75		0.011<A	2.258	0.018 <A	2.248	0.77		8.27		
	MINIMUM	16.60	0.001	0.002	1.100	0.0010	1.100	0.59	0.004	8.02	-0.4	
	STD DEV (GEOM *)	2.82		0.226<A	1.221	0.033 <A	1.294	0.29		0.15		
# SAMP	IN STATISTICS	11	9	11	11	11	11	11	4	11	10	
% SAMP	(EXCLUDED)		18						63			

(CONTD)

STORET CODE: 02
003
0150

DISTANCE: 171.873

[illegible]

B.O.W./ SITE: CONESTOGO RIVER
 SAMPLE POINT: AT WATERLOO COUNTY ROAD NO.22
 STATION TYPE: RIVER

STATION ID: 16-0184-029-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 43 31 33.52 LONG: 080 30 53.73

U T M: 17 0539200.0 4819125.0 4

REGION: 02

DISTANCE: 193.599

*=INTERIM	TEST-NAME:	FWSADP	FGPROJ	ALKT	BOD5	CLIDUR	COND25	CUUT	DO	FCMF	FSMF	
				ALK	5 DAY	CHLORIDE	CONDUCT.	COPPER	DISOLVED	FECAL	FECAL	
SAMPLE		SAMPLE	PROJECT	TOTAL	TOT.DEM.	UNF.REAC	25C	UNF.TOT.	OXYGEN	COLIFORM	STREPCUS	
DATE	HR	DEPTH	SUB-PROJ	MG/L	MG/L	MG/L	UMHO/CM	MG/L	MG/L	MF	MF	
YYMMDD	LMT	NUMBER	CODE	AS CAC03	AS O	AS CL	AT 25 C	AS CU	AS O	CNT	CNT	
										/100ML	/100ML	
820120	0929	49022	0.30	0101	350	1.0	23.50	710	0.009	12.10	10<=>	30<=>
820209	0933	49063	0.30	0101	288		20.50	690	0.007	10.20	130	170
820324	0915	49104	0.30	0101	135	2.4	17.50	380	0.004	13.80	260	3000>
820414	0930	49145	0.30	0101	156	1.8	13.50	390	0.029U	14.40	960	4000
820520	0925	49186	0.30	0101	152.0	0.54	11.60	368.0	0.003	10.40	580	200
820624	0932	49227	0.30	0101	177.9	0.87	13.50	416.0	0.010	10.30	700	360
820715	0918	49268	0.30	0101	180.9	1.17	15.60	431.0	0.014	8.20	300	80<=>
820831	0922	49309	0.30	0101	175.0	1.05	15.30	415.0	0.004	9.6	520	220
820923	0930	49350	0.30	0101	180.0	2.42		425.0	0.004	9.60	3000>	3000>
821014	0920	49391	0.30	0101	184.1	1.51	17.40	450.0	0.029	9.90	100<=>	100<=>
821125	0924	49432	0.30	0101	221.8	1.78	19.90	539.0	0.018	13.30	740	1560
821208	0919	49473	0.30	0101	217.3	1.82	15.50	517.0	0.006	12.50	340	300
		MAXIMUM	0.30		350	2.42	23.50	710	0.029	14.40	960	4000
		ARITH MEAN	0.30		201	1.5	16.71	478	0.011	11.2	422	702
		GEOM MEAN			194	1.4	16.38	466	0.009	11.0		
		MINIMUM	0.30		135	0.54	11.60	368.0	0.003	8.20	10	30
		STD DEV (GEOM *)			61	0.6	3.51	116	0.009	2.0		
		# SAMP IN STATISTICS	12		12	11	11	12	12	12	11	10
		% SAMP (EXCLUDED)									8	16

*=INTERIM	TEST-NAME:	FWSTRC	FWTEMP	NNHTFR	NNOTFR	NNO2FR	NNO3FR	NNTKUR	PBUT	PH	PP04FR	
				NH3-N				K'DAHL N				
				TOTAL				TOTAL				
SAMPLE				FIL.REAC	FIL.REAC	FIL.REAC	FIL.REAC	FIL.TOT.	UNF.TOT.		FIL.REAC	
DATE	HR	STREAM	WATER	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L		MG/L	
YYMMDD	LMT	COND.	TEMP	AS N	AS N	AS N	AS N	AS N	AS PB	PH	AS P	
			DEG.C									
820120	0929	49022	4	0.0	0.012	3.650	0.082	3.570	1.95	0.003<	7.93	0.210
820209	0933	49063	4	0.0	0.052	3.200	0.048	3.150	1.13	0.003<	8.19	0.068
820324	0915	49104	3	1.0	0.002	4.700	0.003	4.700	1.72	0.005<	7.66	0.365
820414	0930	49145	8	2.0	0.006	0.465	0.0030	0.460	1.02	0.003<	7.90	0.0110
820520	0925	49186	9	16.0	0.030	1.700	0.0240	1.675	0.60	0.003<	8.35	0.0040
820624	0932	49227	9	15.0	0.006	2.650	0.0020	2.650	0.78	0.003<	8.34	0.0290
820715	0918	49268	9	22.0	0.006	2.150	0.0080	2.140	0.78	0.003<	8.20	0.0200
820831	0922	49309	9	14.2	0.010	0.950	0.0410	0.909	0.79	0.003<	8.37	0.0170
820923	0930	49350	9	14.2	0.006	1.900	0.0410	1.860	0.95	0.003<	8.22	0.0490
821014	0920	49391	9	11.5	0.004<T	1.200	0.1550	1.050	0.74	0.006	8.22	0.0260
821125	0924	49432	9	2.0	0.008	4.550	0.0140	4.540	1.100	0.003<	8.34	0.1000
821208	0919	49473	9	3.5	0.004<T	4.350	0.0080	4.340	0.740	0.004	8.35	0.0750

(C O N T D)

STATION ID: 16-0184-029-02

STORET CODE: 02
003
0150

*=INTERIM	TEST-NAME:	PPUT	RSF	RSP	TCMF	TCMFBK	TURB	ZNUT	
SAMPLE		PHOSPHOR			COLIFORM	COLIFORM		ZINC	
DATE	HR	UNF.TOT.	RESIDUE	RESIDUE	TOTAL	TOTAL MF		UNF.TOT.	
YYMMDD	LMT	MG/L	FILTERED	PARTIC.	MF	BCKGRD	TURB'ITY	MG/L	
		AS P	MG/L	MG/L	CNT	CNT	FTU	AS ZN	
					/100ML	/100ML			
820120	0929	49022	0.788	466	123.0	2500	18000	158.00	0.016
820209	0933	49063	0.313	447	39.5	2600	8000	11.70	0.015
820324	0915	49104	0.800	247	56.1	1500	25000	32.00	0.008
820414	0930	49145	0.230	254.0	62.100	10000	59000	65.00	0.0090
820520	0925	49186	0.035	239.0	11.000	500<=>	2700	5.80	0.034
820624	0932	49227	0.150	255.0	54.600	2300<=>	33000	17.40	0.017
820715	0918	49268	0.070	294.0	27.900	900<=>	80000	16.60	0.009
820831	0922	49309	0.061	281.0	12.400	1600<=>	32000	7.90	0.004
820923	0930	49350	0.107			43000	21000	16.80	0.006
821014	0920	49391	0.066	305.4	10.700	2100	12500	2.60	0.016
821125	0924	49432	0.195	371.0	41.300	4100<=>	38000	36.00	0.017
821208	0919	49473	0.128	363.0	27.200	1300	23000	23.00	0.004
MAXIMUM		0.800	466	123.0	43000	80000	158.00	0.034	
ARITH MEAN		0.245	320	42.3	6033	29350	32.73	0.013	
GEOM MEAN		0.154	312	32.5	2556	21735	18.71	0.011	
MINIMUM		0.035	239.0	10.700	500	2700	2.60	0.004	
STD DEV (GEOM *)		0.268	80	32.5	3*	2*	42.94	0.008	
# SAMP IN STATISTICS		12	11	11	12	12	12	12	
% SAMP (EXCLUDED)									

B.O.W./ SITE: NITH RIVER
 SAMPLE POINT: FIRST BRIDGE DOWNSTREAM FROM NEW HAMBURG
 STATION TYPE: RIVER FLOW GAUGE FED 02GA018

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STATION ID: 16-0184-032-02

STORET CODE: 02
 003
 0150

LAT: 43 22 33.44 LONG: 080 40 42.39 U T M: 17 0526050.0 4802400.0 4 REGION: 02 DISTANCE: 203.255

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	ALKT	BOD5	CLIDUR	COND25	CUUT	DO	FCMF	FSMF
						BOD 5 DAY	CHLORIDE	CONDUCT.	COPPER	DISOLVED	FECAL	FECAL
					ALK	TOT.DEM.	UNF.REAC	25C	UNF.TOT.	OXYGEN	COLIFORM	STREPCUS
					TOTAL	MG/L	MG/L	UMHO/CM	MG/L	MG/L	MF	MF
					MG/L	AS O	AS CL	AT 25 C	AS CU	AS O	CNT	CNT
					AS CAC03						/100ML	/100ML
SAMPLE	DATE	TIME	SAMPLE	PROJECT								
YYMMDD	MMDD	LMT	NUMBER	SUB-PROJ								
				CODE								
820106	1035		49035	0101	200	1.8	25.50	530	0.006	12.10	1400	1300
820217	1220		49076	0101	268	1.0	37.00	720	0.004	12.30	80<=>	50<=>
820302	1055		49117	0101	287	1.8	30.50	785		13.70	170	50<=>
820429	1045		49158	0101	234.2	0.59	1.80	581.0	0.003	10.90	20<=>	20<=>
820511	1044		49199	0101	212.5	0.72	24.50	551.0	0.013	12.20	40<=>	40<=>
820609	1043		49240	0101	236.0	0.99	28.80	607.0	0.008	10.70	370	30<=>
820708	1045		49281	0101	210.6	2.01	24.70	533.0	0.014	9.40	80<=>	170
820812	1050		49322	0101	239.9	1.85	20.50	545.0	0.006	8.80	310	200
820922	1110		49363	0101	216.3	0.94	24.60	532.0	0.007	7.0	50<=>	120
821007	1107		49404	0101	294.3	1.02	23.20	655.0	0.009	9.40	120	40<=>
821123	1115		49445	0101	194.5	2.02	13.90	470.0	0.014	11.00	1600	3500
821215	1125		49486	0101	293.0		18.20	660.0	0.006	13.40	470	40<=>
MAXIMUM			0.30		294.3	2.02	37.00	785	0.014	13.70	1600	3500
ARITH MEAN			0.30		241	1.3	22.77	597	0.008	10.9	392	463
GEOM MEAN					238	1.2	19.30	591	0.007	10.7	171	105
MINIMUM			0.30		194.5	0.59	1.80	470.0	0.003	7.0	20	20
STD DEV (GEOM *)					36	0.6	8.85	91	0.004	2.0	4*	5*
# SAMP IN STATISTICS			12		12	11	12	12	11	12	12	12
% SAMP (EXCLUDED)												

*=INTERIM TEST-NAME:			FWFLOW	FWSTRC	FWTEMP	NNHTFR	NNOTFR	NN02FR	NN03FR	NNTKUR	PBUT	PH
						NH3-N				K'DAHL N		
						TOTAL	NO2+NO3N	NO2-N	NO3-N	TOTAL	LEAD	
						FIL.REAC	FIL.REAC	FIL.REAC	FIL.REAC	FIL.TOT.	UNF.TOT.	
						MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	
						AS N	AS N	AS N	AS N	AS N	AS PB	PH
SAMPLE	DATE	TIME	STREAM	STREAM	WATER							
YYMMDD	MMDD	LMT	COND.	COND.	TEMP							
					DEG.C							
820106	1035		4.790	8 6	0.0	0.290	3.850	0.355	3.490	1.45	0.003<	7.97
820217	1220		0.980	4	0.0	0.004	4.200	0.033	4.170	0.65	0.003<	8.11
820302	1055		1.060	4	0.0	0.920	3.800	0.079	3.720	1.64		8.13
820429	1045		3.560	8	12.0	0.002<T	3.400	0.0020	3.400	0.65	0.003<	8.15
820511	1044		1.320	8	14.5	0.004<T	1.750	0.0570	1.690	0.76	0.003<	8.26
820609	1043		2.920	8	16.0	0.006	6.250	0.0330	6.220	1.13	0.003<	8.26
820708	1045		0.977	8 6	24.0	0.008	2.350	0.0170	2.330	1.30	0.003<	8.03
820812	1050		1.240	8 6	18.5	0.006	2.300	0.0030	2.300	0.90	0.003<	8.22
820922	1110		1.540	9	14.0	0.004<T	1.350	0.0130	1.340	1.03	0.004	8.23
821007	1107		1.930	9	15.5	0.004<T	2.700	0.0220	2.680	0.65	0.004	8.29
821123	1115		18.400	9	6.5	0.012	5.090	0.0480	5.040	1.370	0.003<	8.08
821215	1125		3.600	9	2.0	0.004<T	4.700	0.0020	4.700	0.530	0.003<	8.38

(C O N T D)

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

[illegible]

*=INTERIM	TEST-NAME:	PP04FR	PPUT	RSF	RSP	TCMF COLIFORM TOTAL	TCMFBK COLIFORM TOTAL MF BCKGRD	TURB	ZNUT	
SAMPLE DATE	HOUR	SAMPLE NUMBER	P04 FIL.REAC MG/L AS P	PHOSPHOR UNF.TOT. MG/L AS P	RESIDUE FILTERED MG/L	RESIDUE PARTIC. MG/L	MFCNT /100ML	MFBKGRDCNT /100ML	TURB'ITY FTU	ZINC UNF.TOT. MG/L AS ZN
820106	1035	49035	0.285	0.415	344	23.6	46000	240000	24.00	0.008
820217	1220	49076	1.000	1.2	394	3.6	560<=>	3600	5.60	0.009
820302	1055	49117	0.350	0.425	447.0	5.900	890	2000	8.00	
820429	1045	49158	0.1800	0.273	384.0	14.700	260	5600	34.00	0.004
820511	1044	49199	0.0260	0.048	334.0	7.060	1600	13000	11.60	0.002
820609	1043	49240	0.0490	0.118	433.0	15.400	1020<=>	10600	7.80	0.005
820708	1045	49281	0.0410	0.170	369.0	17.200	520<=>	48000>	14.70	0.004
820812	1050	49322	0.0855	0.165	366.0	29.600	1200<=>	84000	27.00	0.005
820922	1110	49363	0.0300	0.070			500<=>	36000	9.90	0.004
821007	1107	49404	0.0470	0.070	413.6	14.500	1200	17000	12.80	0.004
821123	1115	49445	0.1550	0.280	340.0	47.300	83000	95000	71.00	0.032
821215	1125	49486	0.0575	0.080	433.0	7.670	760	3600	9.10	0.004
MAXIMUM			1.000	1.2	447.0	47.300	83000	240000	71.00	0.032
ARITH MEAN			0.192	0.3	387	17.0	11459	46400	19.62	0.007
GEOM MEAN			0.100	0.2	385	13.2	1573		14.77	0.005
MINIMUM			0.0260	0.048	334.0	3.6	260	2000	5.60	0.002
STD DEV (GEOM *)			0.276	0.3	40	12.7	6*		18.42	0.008
# SAMP IN STATISTICS			12	12	11	11	12	11	12	11
% SAMP (EXCLUDED)								8		

B.O.W./ SITE: NITH RIVER
 SAMPLE POINT: FIRST BRIDGE DOWNSTREAM FROM AYR
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STATION ID: 16-0184-033-02

STORET CODE: 02
 003
 0150

LAT: 43 16 35.71 LONG: 080 28 19.38

U T M: 17 0542840.0 4791450.0 4

REGION: 02

DISTANCE: 170.264

*INTERIM TEST-NAME:		FWSADP	FGPROJ	CLIDUR	COD	COND25	DO	DOC CARBON	FCMF FECAL	FSMF FECAL	FWPH
				CHLORIDE	CHEM. OX	CONDUCT.	DISOLVED	DISOLVED	COLIFORM	STREPCUS	
SAMPLE DATE	HOUR	SAMPLE	PROJECT	UNF. REAC	DEMAND	25C	OXYGEN	ORGANIC	MF	MF	PH
YYMMDD	LMT	NUMBER	SUB-PROJ	MG/L	MG/L	UMHO/CM	MG/L	MG/L	CNT	CNT	FIELD
		M	CODE	AS CL	AS O	AT 25 C	AS O	AS C	/100ML	/100ML	
820107	1400	49011	0101	28.00	10	650	13.20	4.2	110	330	
820204	1455	49052	0101	23.50		740	13.10	2.7	80<=>	750	
820323	1420	49093	0101	17.00	22	385		5.6	10<=>	60<=>	14.00
820405	1110	49134	0101	14.00		415	11.80	4.0	210	290	
820518	1440	49175	0101	24.00	10	622.0	15.60	3.2	40<=>	10<=>	
820608	1430	49216	0101	25.00	20	623.0	11.00	5.9	210	40<=>	
820713	1500	49257	0101	24.60	20	642.0	12.40	4.1	40<=>	200	
820818	1510	49298	0101	22.60	16	588.0	12.20	3.8	20<=>	120	
820929	1515	49339	0101	21.40	22.2	593.0	9.80	6.6	2180	960	
821026	1430	49380	0101	24.70	14.9	685.0	14.60	3.5	20<	20<	
821122	1440	49421	0101	17.70	43.2	539.0	10.80	5.9	3100	5100	
821214	1455	49462	0101	20.70	14.8	678.0	14.50	3.8	30<=>	440	
MAXIMUM		0.30		28.00	43.2	740	15.60	6.6	3100	5100	14.00
ARITH MEAN		0.30		21.93	19	597	12.64	4.4	548	755	14.00
GEOM MEAN				21.57	18	587	12.52	4.3			
MINIMUM		0.30		14.00	10	385	9.80	2.7	10	10	14.00
STD DEV (GEOM *)				3.99	9	105	1.78	1.2			
# SAMP IN STATISTICS		12		12	10	12	11	12	11	11	1
% SAMP (EXCLUDED)									8	8	

*INTERIM TEST-NAME:		FWSTRC	FWTEMP	NNHTFR	NNOTFR	NN02FR	NN03FR	NNTKUR	PH	PP04FR	PPUT
				NH3-N	N02+N03N	N02-N	N03-N	K'DAHL N		P04	PHOSPHOR
				TOTAL	FIL. REAC	FIL. REAC	FIL. REAC	TOTAL		FIL. REAC	UNF. TOT.
SAMPLE DATE	HOUR	SAMPLE	STREAM	MG/L	MG/L	MG/L	MG/L	MG/L	PH	MG/L	MG/L
YYMMDD	LMT	NUMBER	COND.	AS N	AS N	AS N	AS N	AS N		AS P	AS P
820107	1400	49011	8 6	0.0	0.386	4.450	0.066	4.380	1.38	8.13	0.525
820204	1455	49052	4	0.0	0.100	4.700	0.072	4.630	0.41	8.41	0.116
820323	1420	49093	3	2.5	0.018	4.500	0.003	4.500	1.12	7.54	0.370
820405	1110	49134	3	0.0	0.006	2.550	0.0055	2.545	0.78	7.99	0.202
820518	1440	49175	8 6	20.5	0.032	2.550	0.0470	2.505	0.43	8.46	0.018
820608	1430	49216	8 6	16.0	0.004<T	4.750	0.0570	4.690	0.95	8.30	0.115
820713	1500	49257	9	23.5	0.032	2.400	0.3100	2.090	0.73	8.24	0.135
820818	1510	49298	9	18.5	0.006	2.250	0.0110	2.240	0.66	8.22	0.070
820929	1515	49339	9	15.5	0.002<T	4.090	0.0020	4.090	1.07	8.35	0.217
821026	1430	49380	8 6	9.0	0.010	3.100	0.0670	3.030	0.41	8.38	0.038
821122	1440	49421	8 6	8.0	0.004	3.940	0.0060	3.930	1.400	8.06	0.515
821214	1455	49462	8 6	1.0	0.004<T	4.800	0.0010<T	4.800	0.490	8.46	0.089

(C O N T D)

B.O.W./ SITE: NITH RIVER
 SAMPLE POINT: FIRST BRIDGE DOWNSTREAM FROM AYR
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

STATION ID: 16-0184-033-02

LAT: 43 16 35.71 LONG: 080 28 19.38

U T M: 17 0542840.0 4791450.0 4

REGION: 02

DISTANCE: 170.264

*=INTERIM TEST-NAME:		FWSTRC	FWTEMP	NNHTFR NH3-N TOTAL	NNOTFR NO2+NO3N	NNO2FR NO2-N	NNO3FR NO3-N	NNTKUR K'DAHL N TOTAL	PH	PP04FR P04 FIL.REAC	PPUT PHOSPHOR UNF.TOT.	
SAMPLE DATE	HOUR YYMMDD LMT	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.TOT. MG/L AS N	PH	AS P	AS P
MAXIMUM				23.5	0.386	4.800	0.3100	4.800	1.400	8.46	0.240	0.525
ARITH MEAN				9.5	0.050<A	3.673	0.054 <A	3.619	0.82	8.21	0.092	0.201
GEOM MEAN					0.013<A	3.532	0.017 <A	3.464	0.75	8.21	0.054	0.134
MINIMUM				0.0	0.002	2.250	0.0010	2.090	0.41	7.54	0.0030	0.018
STD DEV (GEOM *)					0.109<A	1.023	0.086 <A	1.054	0.36	0.26	0.083	0.176
# SAMP IN STATISTICS				12	12	12	12	12	12	12	11	12
% SAMP (EXCLUDED)												

*=INTERIM TEST-NAME:		RSF	RSP	TCMF COLIFORM TOTAL MF	TCMFBK COLIFORM TOTAL MF BCKGRD	TURB	
SAMPLE DATE	HOUR YYMMDD LMT	SAMPLE NUMBER	RESIDUE FILTERED MG/L	RESIDUE PARTIC. MG/L	CNT /100ML	CNT /100ML	TURB'ITY FTU
820107	1400	49011	418	10.0	8800	19000	6.10
820204	1455	49052	506	2.9	37000	160000	2.60
820323	1420	49093	250	67.8	530	2400	26.00
820405	1110	49134	307.0	52.300	1600	17500	50.00
820518	1440	49175	420.0	4.670	360<=>	7800	4.60
820608	1430	49216	425.0	22.400	980	3400	2.80
820713	1500	49257	437.0	11.200	2900<=>	31000	3.50
820818	1510	49298	371.0	11.800	420<=>	10800	3.80
820929	1515	49339	422.0	31.200	10500<=>	60000	11.00
821026	1430	49380	447.0	7.150	60<=>	1030	1.77
821122	1440	49421	448.0	210.000	98000	118000	120.00
821214	1455	49462	440.0	15.300	31000<=>	360000	7.70
MAXIMUM			506	210.000	98000	360000	120.00
ARITH MEAN			408	37.2	16012	65911	19.99
GEOM MEAN			401	17.8	2795	19475	7.95
MINIMUM			250	2.9	60	1030	1.77
STD DEV (GEOM *)			69	58.0	9*	6*	34.46
# SAMP IN STATISTICS			12	12	12	12	12
% SAMP (EXCLUDED)							

B.O.W./ SITE: SPEED RIVER
 SAMPLE POINT: EDINBOROUGH STREET GUELPH
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 43 31 24.56 LONG: 080 15 42.83 U T M: 17 0559650.0 4818999.0 4 REGION: 02 DISTANCE: 172.678

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	CLIDUR	COD	COND25	DO	DOC	FCMF	FSMF	FWSTRC
				CHLORIDE	CHEM. OX	CONDUCT.	DISOLVED	DICARBON	FECAL	FECAL	
				UNF.REAC	DEMAND	25C	OXYGEN	ORGANIC	COLIFORM	STREPCUS	
				MG/L	MG/L	UMHO/CM	MG/L	MG/L	MF	MF	
				AS CL	AS O	AT 25 C	AS O	AS C	CNT	CNT	STREAM
									/100ML	/100ML	COND.
SAMPLE	DATE HOUR	SAMPLE	DEPTH	PROJECT							
YYMMDD	LMT	NUMBER	M	SUB-PROJ							
				CODE							
820113	0930	49013	0.30	0101	28.50	12	630	11.00	5.6	10<	4
820223	0930	49054	0.30	0101	29.00	8	625	12.80	5.3	80<=>	8
820310	0945	49095	0.30	0101	25.00	12	620.0	14.10	4.9	70<=>	8
820428	0925	49136	0.30	0101	25.40	20	454.0	11.60	4.8	70<=>	8
820521	0935	49177	0.30	0101	36.40	20	10.40	4.5	780	410	5
820617	0940	49218	0.30	0101	26.00	18	514.0	10.20	5.8	250	8
820707	0945	49259	0.30	0101	34.10	20	555.0	10.00	7.0	40<=>	8 6
820824	0935	49300	0.30	0101	19.80	14	514.0	10.00	5.8	140	8 6
820915	0935	49341	0.30	0101	56.50	44	561.0	1.90	5.8	1290	8 6
821027	0937	49382	0.30	0101	22.80	18.0	508.0	11.80	6.2	190	8 6
821109	0929	49423	0.30	0101	24.20	25.4	536.0	12.40	7.7	640	8 6
821202	0927	49464	0.30	0101	24.90	17.1	539.0	12.80	6.1	180	8 6
MAXIMUM		0.30			56.50	44	630	14.10	7.7	1290	450
ARITH MEAN		0.30			29.38	19	551	10.75	5.8	339	164
GEOM MEAN					28.27	17	548	9.88	5.7		
MINIMUM		0.30			19.80	8	454.0	1.90	4.5	40	10
STD DEV (GEOM *)					9.71	9	56	3.08	0.9		
# SAMP IN STATISTICS		12			12	12	11	12	12	11	11
% SAMP (EXCLUDED)									8	8	8

*=INTERIM TEST-NAME:		FWTEMP	NNHTFR	NNOTFR	NNO2FR	NNO3FR	NNTKUR	PH	PP04FR	PPUT	RSF
			NH3-N				K'DAHL N				
			TOTAL	NO2+NO3N	NO2-N	NO3-N	TOTAL		P04	PHOSPHOR	
			FIL.REAC	FIL.REAC	FIL.REAC	FIL.REAC	FIL.TOT.		FIL.REAC	UNF.TOT.	RESIDUE
			MG/L	MG/L	MG/L	MG/L	MG/L		MG/L	MG/L	FILTERED
			AS N	AS N	AS N	AS N	AS N	PH	AS P	AS P	MG/L
SAMPLE	DATE HOUR	SAMPLE	WATER								
YYMMDD	LMT	NUMBER	TEMP								
			DEG.C								
820113	0930	49013	0.0	0.128	2.100	0.027	2.070	0.65	8.19	0.016	388
820223	0930	49054	0.5	0.098	1.900	0.0400	1.860	0.58	8.43	0.033	412.0
820310	0945	49095	1.0	0.014	2.000	0.005	2.150	0.58	8.32	0.028	361.0
820428	0925	49136	7.5	0.002<W	1.750	0.0040	1.745	0.54	8.31	0.035	306.0
820521	0935	49177	16.0	0.018	1.500	0.0880	1.410	0.53	8.18	0.023	
820617	0940	49218	16.0	0.006	1.100	0.0795	1.020	0.55	8.21	0.029	343.0
820707	0945	49259	21.5	0.032	0.950	0.0450	0.905	0.58	8.34	0.033	378.0
820824	0935	49300	16.8	0.016	0.940	0.0170	0.925	0.50	8.32	0.158	340.0
820915	0935	49341	18.0	0.098	0.700	0.0195	0.680	0.65	8.07	0.063	336.0
821027	0937	49382	7.5	0.006	0.815	0.0040	0.811	0.60	8.39	0.024	322.0
821109	0929	49423	6.0	0.014	1.100	0.0300	1.070	0.600	8.11	0.071	334.0
821202	0927	49464	4.5	0.004<T	2.100	0.0025	2.100	0.560	8.51	0.018	339.0

(C O N T D)

B.O.W./ SITE: SPEED RIVER
 SAMPLE POINT: EDINBOROUGH STREET GUELPH
 STATION TYPE: RIVER

STATION ID: 16-0184-034-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 43 31 24.56 LONG: 080 15 42.83 U T M: 17 0559650.0 4818999.0 4 REGION: 02 DISTANCE: 172.678

*=INTERIM TEST-NAME:		FWTEMP	NNHTFR NH3-N TOTAL	NNOTFR NO2+NO3N FIL.REAC	NNO2FR NO2-N FIL.REAC	NNO3FR NO3-N FIL.REAC	NNTKUR K'DAHL N TOTAL	PH	PP04FR P04 FIL.REAC	PPUT PHOSPHOR UNF.TOT.	RSF RESIDUE FILTERED	
DATE	HOUR	WATER TEMP DEG.C	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.TOT. MG/L AS N	PH	MG/L AS P	MG/L AS P	MG/L	
		MAXIMUM	21.5	0.128	2.100	0.0880	2.150	0.65	8.51	0.1525	0.158	412.0
		ARITH MEAN	9.6	0.036<A	1.413	0.030	1.395	0.58	8.28	0.027	0.044	351
		GEOM MEAN		0.017<A	1.317	0.017	1.292	0.58	8.28	0.013	0.035	350
		MINIMUM	0.0	0.002	0.700	0.0025	0.680	0.50	8.07	0.0010	0.016	306.0
		STD DEV (GEOM *)		0.045<A	0.535	0.029	0.558	0.04	0.13	0.043	0.040	31
# SAMP IN STATISTICS		12	12	12	12	12	12	12	11	12	11	
% SAMP (EXCLUDED)												

*=INTERIM TEST-NAME:		RSP	TCMF COLIFORM TOTAL	TCMFBK COLIFORM TOTAL MF BCKGRD	TURB
DATE	HOUR	RESIDUE PARTIC. MG/L	MF CNT /100ML	MF CNT /100ML	TURB'ITY FTU
820113	0930	49013	2.7	380<=>	3800
820223	0930	49054	7.400	280	1800
820310	0945	49095	11.000	390	450
820428	0925	49136	4.270	430	440
820521	0935	49177		9000<=>	136000
820617	0940	49218	2.710	3900<=>	80000
820707	0945	49259	2.330	1800	27000
820824	0935	49300	2.560	1500	22000
820915	0935	49341	4.060	89000	112000
821027	0937	49382	4.310	1100	3300
821109	0929	49423	6.840	1540<=>	7800
821202	0927	49464	7.580	1400	15000
		MAXIMUM	11.000	89000	136000
		ARITH MEAN	5.1	9227	34132
		GEOM MEAN	4.5	1632	9222
		MINIMUM	2.330	280	440
		STD DEV (GEOM *)	2.8	5*	7*
# SAMP IN STATISTICS		11	12	12	11
% SAMP (EXCLUDED)					

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: AT BRIDGE IN DUNNVILLE
 STATION TYPE: RIVER

STATION ID: 16-0184-035-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 42 54 00.69 LONG: 079 37 12.33

U T M: 17 0612660.0 4750440.0 4

REGION: 02

DISTANCE: 7.725

*=INTERIM	TEST-NAME:	FWSADP	FGPROJ	ALKT	ALUTI	ALUT	ASUT	CDUT	CDUT	CLIDUR	COND25
				ALK	INFLECTN	ALUMINUM	ARSENIC	CADMIUM	CADMIUM	CHLORIDE	CONDUCT.
				TOTAL	POINT	UNF.TOT.	UNF.TOT.	UNF.TOT.	UNF.TOT.	UNF.REAC	25C
				MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UMHO/CM
				AS CAC03	AS CAC03	AS AL	AS AS	AS CD	AS CD	AS CL	AT 25 C
SAMPLE DATE	HOUR	SAMPLE	DEPTH	PROJECT							
YYMMDD	LMT	NUMBER	M	SUB-PROJ CODE							
820105	0900	61800	0.30	0103				0.0001<			
820121	1125	48340	0.30	0101	276	0.200	0.001<	0.0005		63.00	920
820204	1100	48357	0.30	0101	289	0.200	0.001<	0.0003		72.00	965
820218	0940	48391	0.30	0101							
820301	0950	48410	0.30	0101	239	0.203	0.001<			122.00	1130
820311	0950	48435	0.30	0101							
820318	0830	48450	0.30	0101							
820319	1135	82078	0.30						0.38		
820322	1000	61801	0.30	0103				0.0010			
	1700	61802	0.30	0103				0.0002<			
820323	0900	61803	0.30	0103				0.0010			
	1800	61804	0.30	0103				0.0002			
820324	0900	61805	0.30	0103	146					24.50	
	1700	61806	0.30	0103	141					23.00	
820325	0855	48470	0.30	0101							
	0900	61807	0.30	0103	136					24.00	
	1700	61808	0.30	0103	148			0.0002<		22.50	
820326	0900	61809	0.30	0103	147			0.0002<		23.00	
	1800	61810	0.30	0103	140			0.0002<		21.50	
820327	0900	61811	0.30	0103	144			0.0002<		24.00	
820328	0800	61812	0.30	0103	149			0.0002<		30.50	
820329	1600	61813	0.30	0103				0.0002<			
820330	0900	61814	0.30	0103	171			0.0002<		26.00	
820331	1700	61815	0.30	0103				0.0002<			
820401	0900	61816	0.30	0103	211					23.50	
	0920	48473	0.30	0101							
	1800	61817	0.30	0103							
820402	0900	61818	0.30	0103							
820403	0800	61819	0.30	0103	121			0.0002<		12.00	
820404	1800	61820	0.30	0103				0.0002<			
820405	0900	61821	0.30	0103	137			0.0002<		15.00	
	1800	61822	0.30	0103							
820407	0900	61823	0.30	0103				0.0002<			
	0903	48477	0.30	0101	134	3.4000	0.001<	0.0002<		17.50	395
820408	0900	61824	0.30	0103	143.4			0.0002<		22.50	
820409	1700	61825	0.30	0103				0.0002<			
820410	0900	61826	0.30	0103	160.9			0.0002<		25.00	
820412	0900	61827	0.30	0103				0.0002<			
820413	1600	61828	0.30	0103	176.9			0.0002<		24.50	
820414	1600	61829	0.30	0103				0.0002<			

(C O N T D)

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: AT BRIDGE IN DUNNVILLE
 STATION TYPE: RIVER

STATION ID: 16-0184-035-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 42 54 00.69 LONG: 079 37 12.33

U T M: 17 0612660.0 4750440.0 4

REGION: 02

DISTANCE: 7.725

*INTERIM		TEST-NAME:	FWSADP	FGPROJ	ALKT	ALTKI	ALUT	ASUT	CDUT	CDUT	CLIDUR	COND25
LATE	HR	SAMPLE	SAMPLE	PROJECT	ALK	ALK	ALUMINUM	ARSENIC	CADMIUM	CADMIUM	CHLORIDE	CONDUCT.
YMD	LNT	NUMBER	DEPTH	SUB-PROJ	TOTAL	INFLECTN	UNF.TOT.	UNF.TOT.	UNF.TOT.	UNF.TOT.	REAC	25C
			M	CODE	MG/L	POINT	MG/L	MG/L	MG/L	UG/G DRY	MG/L	UMHO/CM
					AS CAC03	AS CAC03	AS AL	AS AS	AS CD	AS CD	AS CL	AT 25 C
820415	0900	61831	0.30	0103					0.0002<			
	0925	48492	0.30	0101								
	1600	61830	0.30	0103	180.8				0.0002<		25.50	
820421	1500	61832	0.30	0103	162.2				0.0002<		17.50	
820422	0905	48510	0.30	0101								
	1300	61833	0.30	0103					0.0002<			
820423	1300	61834	0.30	0103	181.2				0.0002<		23.30	
820425	0900	61835	0.30	0103					0.0002<			
820427	1300	61836	0.30	0103					0.0002<			
820428	1000	61837	0.30	0103	194.7				0.0002<		28.80	
820429	0900	48538	0.30	0101								
	1045	48543	0.30	0101								
	1500	61838	0.30	0103					0.0002<			
820502	1800	61839	0.30	0103					0.0002<			
820506	0955	48556	0.30	0101	174.7		1.500	0.001<	0.0002<		42.20	681.0
820509	1700	61840	0.30	0103	184.3				0.0002<		43.40	
820517	0800	61841	0.30	0103	182.1				0.0013		47.40	
820524	1800	61842	0.30	0103					0.0006			
820530	1100	61843	0.30	0103	196.1				0.0002<		45.80	
820606	1800	61844	0.30	0103					0.0020<			
820607	1800	61845	0.30	0103	202.9				0.0003		37.40	
820608	1300	61846	0.30	0103								
820609	1800	61847	0.30	0103	199.3				0.0003<		39.60	
820610	1200	61848	0.30	0103					0.0002<			
820614	1200	61849	0.30	0103	209.2				0.0004		36.40	
820621	1200	61850	0.30	0103					0.0002			
820622	0945	48613	0.30	0101	201.7		1.000	0.001	0.0003		46.60	689.0
820624	1400	61851	0.30	0103	180.3				0.0002U			
820701	1600	61852	0.30	0103	203.3				0.0002<		34.80	
820706	1125	48658	0.30	0101	185.8		0.860U	0.001<	0.0002<		40.50	623.0
820714	1000	61853	0.30	0103	172.4				0.0003			
820802	1700	61854	0.30	0103	163.3				0.0002		48.00	
820809	1040	48711	0.30	0101	168.5		0.270	0.001<	0.0002<		43.20	585.0
820815	1300	61855	0.30	0103		149.90			0.0002<			
820817	1700	61557	0.30	0103	145.3				0.0002			
820826	1700	61856	0.30	0103	167.7				0.0030		56.50	
820902	1010	48800	0.30	0101	166.3		0.640	0.001<	0.0004		30.50	526.0
820908	1800	61858	0.30	0103	191.4				0.0002<			
820927	1700	61859	0.30	0103		208.93			0.0002			
820929	1100	61860	0.30	0103	207.5				0.0002<		38.00	

(C O N T D)

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: AT BRIDGE IN DUNNVILLE
 STATION TYPE: RIVER

STATION ID: 16-0184-035-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 42 54 00.69 LONG: 079 37 12.33 U T M: 17 0612660.0 4750440.0 4 REGION: 02 DISTANCE: 7.725

*INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	ALTKI ALK INFLECTN POINT	ALUT	ASUT	CDUT	CDUT	CLIDUR	COND25
SAMPLE DATE	HOUR	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CAC03	ALUMINUM UNF.TOT. MG/L AS AL	ARSENIC UNF.TOT. MG/L AS AS	CADMIUM UNF.TOT. MG/L AS CD	CADMIUM UNF.TOT. UG/G DRY AS CD	CHLORIDE UNF.REAC MG/L AS CL	CONDUCT. 25C UMHO/CM AT 25 C
821001	0900	61861	0.30	0103					0.0002<		
821005	1015	48841	0.30	0101	233.7	0.670	0.001<			34.50	658.0
821015	1600	61862	0.30	0103	218.9				0.0002<		
821017	1500	61863	0.30	0103	213.0				0.0002<	42.90	
821021	0455	48889	0.30	0101							
821028	1440	48894	0.30	0101							
821101	1400	61864	0.30	0103	218.7				0.0002		
821104	0945	48901	0.30	0101	190.8	1.900	0.001		0.0004	47.50	686.0
821105	1500	61865	0.30	0103					0.0002<		
821107	1000	61866	0.30	0103	197.9				0.0002<	33.50	
821116	1000	61867	0.30	0103	234.9				0.0002<		
821118	0915	48931	0.30	0101							
821123	1300	61868	0.30	0103	234.6				0.0007		
821124	0900	61869	0.30	0103	225.6				0.0002	27.50	
821125	0900	61870	0.30	0103	199.9				0.0003		
821201	0900	61871	0.30	0103	219.2					29.00	
821207	1600	61872	0.30	0103	228.7				0.0002<		
821208	1600	61873	0.30	0103	200.2				0.0002<		
821209	0935	48965	0.30	0101	194.4	3.200	0.001		0.0004	18.90	494.0
	1100	61874	0.30	0103	204.8				0.0002		
	1600	61875	0.30	0103	201.7				0.0002		
821212	0900	61876	0.30	0103	218.5				0.0002	23.80	
821214	0900	61877	0.30	0103					0.0002<		
821219	1300	61880	0.30	0103	199.6				0.0002<	25.20	
821221	1300	61878	0.30	0103	217.3				0.0002		
821223	0900	61879	0.30	0103	220.7				0.0002<	27.70	
821229	0955	48981	0.30	0101							
		MAXIMUM	0.30		289	235.86	3.400	0.001	0.0030	0.38	122.00
		ARITH MEAN	0.30		189	180.16	1.170	0.001	0.0005	0.38	34.41
		GEOM MEAN			186	150.34	0.736				31.23
		MINIMUM	0.30		121	24.03	0.200	0.001	0.0002	0.38	12.00
		STD DEV (GEOM *)			35	74.22	1.129				18.01
		# SAMP IN STATISTICS	107		62	7	12	3	28	1	48
		% SAMP (EXCLUDED)						75	66		12

(C O N T D)

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: AT BRIDGE IN DUNNVILLE
 STATION TYPE: RIVER

STATION ID: 16-0184-035-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 42 54 00.69 LONG: 079 37 12.33

U T M: 17 0612660.0 4750440.0 4

REGION: 02

DISTANCE: 7.725

*INTERIM TEST-NAME:		CRUT	CUUT	CUUT	DO	FwPH	FwSTRC	FwTEMP	HGUT	HGUT	NNHTFR
		CHROMIUM	COPPER	COPPER	DISOLVED				MERCURY	MERCURY	TOTAL
SAMPLE		UNF.TOT.	UNF.TOT.	UNF.TOT.	OXYGEN			WATER	UNF.TOT.	UNF.TOT.	FIL.REAC
DATE	HOUR	MG/L	MG/L	UG/G DRY	MG/L	PH	STREAM	TEMP	UG/L	UG/G DRY	MG/L
YYMMDD	LMT	AS CR	AS CU	AS CU	AS O	FIELD	COND.	DEG.C	AS HG	AS HG	AS N
820105	0900	61800	0.018					0.0	0.03<		
820121	1125	48340	0.006	0.014	12.10	7.30	4	2.0	0.03<		0.510
820204	1100	48357	0.010	0.012	10.00	7.75	4	2.0	0.02<		0.780
820218	0940	48391	0.003		10.20	7.60	4	1.0	0.02<		
820301	0950	48410	0.005	0.014	13.30	7.85	4	2.5	0.03<		1.130
820311	0950	48435	0.001<		10.40	6.90	4	3.5	0.02		
820318	0830	48450	0.004U		8.80	6.80	3 4	0.5	0.06		
820319	1135	82078								0.07	
820322	1000	61801		0.007				0.0	0.05<		
	1700	61802		0.006				0.0	0.05<		
820323	0900	61803		0.008					0.06<		
	1800	61804		0.007					0.06<		
820324	0900	61805		0.014U					0.03<		0.004
	1700	61806		0.008U					0.03<		0.004
820325	0855	48470	0.004		11.60	7.45	3	2.5	0.06<		
	0900	61807		0.011U					0.03<		0.004
	1700	61808		0.009U					0.03<		0.004
820326	0900	61809		0.008U					0.06<		0.004
	1800	61810		0.008					0.06<		0.006
820327	0900	61811		0.008U					0.06<		0.106
820328	0800	61812		0.012U				1.0	0.06<		0.082
820329	1600	61813		0.009U				3.0	0.02		
820330	0900	61814		0.008					0.02<		0.006
820331	1700	61815		0.011U				6.0	0.05<		
820401	0900	61816		0.038U				4.0	0.06		0.012
	0920	48473	0.024U		11.20	7.85	3 9	6.0	0.06		
	1800	61817		0.018U				3.0	0.05		
820402	0900	61818		0.022U				2.0	0.05		
820403	0800	61819		0.022U				2.0	0.05<		0.012
820404	1800	61820		0.019U				0.0	0.05<		
820405	0900	61821		0.019				0.0	0.05<		0.006
	1800	61822		0.016U				0.0	0.05<		
820407	0900	61823		0.011U				0.0	0.04<		
	0903	48477	0.006U	0.014U	12.60	8.10	3	2.0	0.04<		0.002
820408	0900	61824		0.010					0.03<		0.010
820409	1700	61825		0.009				2.0	0.03<		
820410	0900	61826		0.009				2.0	0.03<		0.004<T
820412	0900	61827		0.010				4.0	0.03<		
820413	1600	61828		0.009					0.04<		0.004<T
820414	1600	61829		0.012U				6.0	0.05<		

(C O N T D)

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: AT BRIDGE IN DUNNVILLE
 STATION TYPE: RIVER

STATION ID: 16-0184-035-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 42 54 00.69 LONG: 079 37 12.33

U T M: 17 0612660.0 4750440.0 4

REGION: 02

DISTANCE: 7.725

*=INTERIM	TEST-NAME:	CRUT	CUUT	CUUT	DO	FWPH	FWSTRC	FWTEMP	HGUT	HGUT	NNHTFR
		CHROMIUM	COPPER	COPPER	DISOLVED				MERCURY	MERCURY	TOTAL
SAMPLE		UNF.TOT.	UNF.TOT.	UNF.TOT.	OXYGEN			WATER	UNF.TOT.	UNF.TOT.	FIL.REAC
DATE	HOUR	MG/L	MG/L	UG/G DRY	MG/L	PH	STREAM	TEMP	UG/L	UG/G DRY	MG/L
YYMMDD	LMT	AS CR	AS CU	AS CU	AS O	FIELD	COND.	DEG.C	AS HG	AS HG.	AS N
820415	0900	61831	0.013U					7.0	0.05<		
	0925	48492	0.002		11.30	7.45	3	6.5	0.05<		
	1600	61830		0.015U				7.0	0.05<		0.004<T
820421	1500	61832		0.046				7.0	0.05<		0.002<W
820422	0905	48510	0.003		11.00	7.60	3	7.5	0.05<		
	1300	61833		0.013U				8.0	0.04<		
820423	1300	61834		0.013U				9.0	0.05<		0.002<W
820425	0900	61835		0.017U				10.0	0.05<		
820427	1300	61836		0.011				10.0	0.05<		
820428	1000	61837		0.006U				10.0	0.04<		0.002<T
820429	0900	48538	0.006		9.80	7.70	3	10.5	0.04<		
	1045	48543								0.01<	
	1500	61838		0.007U				12.0	0.05<		
820502	1800	61839		0.005				14.0	0.05<		
820506	0955	48556	0.006	0.006	12.40	8.00	8	14.5	0.04<		0.014
820509	1700	61840		0.014U				17.0	0.04<		0.026
820517	0800	61841		0.013				18.0	0.05<		0.004<T
820524	1800	61842		0.010				18.0	0.08<		
820530	1100	61843		0.012				19.0	0.05<		0.010
820606	1800	61844		0.008				15.5	0.04<		
820607	1800	61845		0.008				17.0	0.03<		0.008
820608	1300	61846						18.0	0.03<		
820609	1800	61847						19.0	0.03<		0.102
820610	1200	61848		0.010				18.0	0.03<		
820614	1200	61849		0.020				20.0	0.06<		0.004
820621	1200	61850		0.022				19.0	0.03<		
820622	0945	48613	0.005	0.013	12.00	8.00	8	17.5	0.03		0.004<T
820624	1400	61851		0.015U				19.0	0.03<		
820701	1600	61852		0.008U				22.0	0.05<		0.060
820706	1125	48658	0.008U	0.007U	13.60	8.20	8	23.0	0.03		0.020
820714	1000	61853		0.017				24.0	0.05<		
820802	1700	61854		0.011				23.0	0.02<		0.118
820809	1040	48711	0.001<		6.70	7.75	3	23.5	0.03<		0.008
820815	1300	61855		0.011				23.5	0.03<		
820817	1700	61557		0.007				18.0	0.05<		
820826	1700	61856		0.009				20.0	0.05<		0.014
820902	1010	48800	0.004	0.007	9.60	8.30	3	19.0	0.02<		0.008
820908	1800	61858		0.006				16.0	0.06<		
820927	1700	61859		0.007				16.0	0.06<T		
820929	1100	61860		0.006				15.0	0.06<T		0.006

(C O N T D)

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: AT BRIDGE IN DUNNVILLE
 STATION TYPE: RIVER

STATION ID: 16-0184-035-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 42 54 00.69 LONG: 079 37 12.33

U T M: 17 0612660.0 4750440.0 4

REGION: 02

DISTANCE: 7.725

*INTERIM TEST-NAME:		CRUT	CUUT	CUUT	DO	FVPH	FWSTRC	FWTEMP	HGUT	HGUT	NNHTR
		CHROMIUM	COPPER	COPPER	DISOLVED				MERCURY	MERCURY	TOTAL
DATE	HOUR	UNF.TOT.	UNF.TOT.	UNF.TOT.	OXYPGEN	PH	STREAM	WATER	UNF.TOT.	UNF.TOT.	FIL.REAC
YYMMDD	LMT	MG/L	MG/L	UG/G DRY	MG/L	FIELD	COND.	TEMP	UG/L	UG/G DRY	MG/L
		AS CR	AS CU	AS CU	AS O			DEG.C	AS HG	AS HG	AS N
821001	0900	61861	0.010					15.0	0.05<T		
821005	1015	48841	0.010		8.80	7.75	3	16.5			0.004<T
821015	1600	61862	0.010					12.5	0.02<		
821017	1500	61863	0.009					12.0	0.02<		0.002<T
821021	0455	48889	0.004		10.20	8.30	8	9.0	0.02<		
821028	1440	48894								0.08	
821101	1400	61864	0.012					11.0	0.04<		
821104	0945	48901	0.020		9.10	7.70	3	11.5	0.03<		0.006
821105	1500	61865	0.009					11.0	0.03<		
821107	1000	61866	0.013					12.0	0.03<		0.014
821116	1000	61867	0.013					4.0	0.04<		
821118	0915	48931	0.003		11.90	8.30	3	4.5	0.03<		
821123	1300	61868	0.027					8.0	0.05<		
821124	0900	61869	0.038						0.04<		0.016
821125	0900	61870	0.021					3.0	0.04<		
821201	0900	61871	0.014					4.0	0.03<		0.004<T
821207	1600	61872	0.015					4.0	0.02		
821208	1600	61873	0.014					5.0	0.03		
821209	0935	48965	0.007		11.40	8.25	3	3.0	0.02<		0.012
	1100	61874	0.013					3.0	0.04<		
	1600	61875	0.014					2.5	0.04<		
821212	0900	61876	0.012						0.06<		0.008
821214	0900	61877	0.009						0.06<		
821219	1300	61880	0.013						0.04<		0.002<T
821221	1300	61878	0.013						0.02<		
821223	0900	61879	0.002						0.02<		0.004<T
821229	0955	48981	0.005		12.20	8.05	3	5.0	0.03<		
	MAXIMUM	0.024	0.046	43	13.60	8.30		24.0	0.06	0.08	1.130
	ARITH MEAN	0.006	0.013	43	10.88	7.78		9.6	0.04<A	0.07	0.066<A
	GEOM MEAN		0.011		10.75	7.77					0.010<A
	MINIMUM	0.002	0.002	43	6.70	6.80		0.0	0.02	0.07	0.002
	STD DEV (GEOM *)		0.007		1.64	0.41					0.205<A
	# SAMP IN STATISTICS	21	90	1	23	23		86	14	2	48
	% SAMP (EXCLUDED)	8							86	33	

(CONTD)

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: AT BRIDGE IN DUNNVILLE
 STATION TYPE: RIVER

STATION ID: 16-0184-035-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 42 54 00.69 LONG: 079 37 12.33

U T M: 17 0612660.0 4750440.0 4

REGION: 02

DISTANCE: 7.725

*INTERIM TEST-NAME:		NNOTFR	NN02FR	NN03FR	NNTKUR K'DAHL N TOTAL	PBUT LEAD UNF.TOT.	PBUT LEAD UNF.TOT.	PH	PHNOL PHENOLS UNF-REAC	POALA ALACHLOR	POMET METALA- CHLOR
DATE	HOUR	SAMPLE NUMBER	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.TOT. MG/L AS N	MG/L AS PB	MG/L AS PB	UG/L AS PB	NG/L	NG/L
YYMMDD	LMT										
820105	0900	61800	3.750	0.080	3.670		0.008				
820121	1125	48340	4.150	0.068	4.080	1.15	0.008	8.03			
820204	1100	48357	3.600	0.059	3.540	1.22	0.005	8.20	1	<T	
820218	0940	48391					0.003<				
820301	0950	48410	3.350	0.039	3.310	1.75	0.004	8.09	1	<T	
820311	0950	48435					0.003<				
820318	0830	48450					0.003<				
820319	1135	82078									
820322	1000	61801	3.500	0.035	3.460		0.004				
	1700	61802	3.450	0.030	3.420		0.004				
820323	0900	61803	3.500	0.033	3.470		0.003<				
	1800	61804	3.450	0.045	3.400		0.003<				
820324	0900	61805	3.350	0.004	3.350	1.12	0.003<	7.24	1	<T	
	1700	61806	3.100	0.006	3.090	1.13	0.003<	7.44	1	<T	
820325	0855	48470					0.003<				
	0900	61807	3.050	0.004	3.050	0.95	0.003<	7.35	1	<T	
	1700	61808	2.950	0.008	2.940	1.05	0.003<	7.36	1	<T	
820326	0900	61809	3.100	0.008	3.090	1.00	0.003<	7.31			
	1800	61810	3.100	0.016	3.085	1.05	0.003<	7.40	1	<T	
820327	0900	61811	3.050	0.0040	3.050	1.15	0.003<	7.45	1	<T	
820328	0800	61812	3.100	0.0040	3.100	1.00	0.003<	7.78	1	<T	
820329	1600	61813					0.003<				
820330	0900	61814	3.350	0.068	3.280	1.00	0.003<	8.08	1	<T	
820331	1700	61815	3.350	0.0110	3.340						
820401	0900	61816	3.350	0.0140	3.335	2.60		8.24	1	<T	100<W 100<W
	1800	61817	3.000	0.009	2.990						
820402	0900	61818	2.800	0.010	2.790						
820403	0800	61819	2.550	0.022	2.530	1.90		7.68			
820404	1800	61820	2.600	0.009	2.590						
820405	0900	61821	2.900	0.0080	2.890	1.20	0.004	7.76	2		
	1800	61822	2.850	0.0080	2.840						
820407	0900	61823	2.800	0.0070	2.795						
	0903	48477	2.800	0.0060	2.795	0.85	0.003<	7.76	1		
820408	0900	61824	2.550	0.0065	2.545	1.05	0.003<	7.97	1	<T	
820409	1700	61825	2.650	0.0730	2.575		0.003<				
820410	0900	61826	2.600	0.0820	2.520	0.73	0.003<	8.10	1	<T	
820412	0900	61827	2.900	0.0765	2.825		0.003<				
820413	1600	61828	2.800	0.0130	2.785	0.68	0.003<	8.00	1.0<T		
820414	1600	61829	2.800	0.0050	2.795		0.003<				
820415	0900	61831	3.050	0.0040	3.045		0.003<				

(C O N T D)

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: AT BRIDGE IN DUNNVILLE
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STATION ID: 16-0184-035-02

STORET CODE: 02
 003
 0150

LAT: 42 54 00.69 LONG: 079 37 12.33

U T M: 17 0612660.0 4750440.0 4

REGION: 02

DISTANCE: 7.725

3=INTERIM		TEST-NAME:	NNOTFR	NNO2FR	NNO3FR	NNTKUR	PBUT	PBUT	PH	PHNOL	POALA	POMET
			N02+N03N	N02-N	N03-N	K'DAHL N	LEAD	LEAD		PHENOLS		
			FIL.REAC	FIL.REAC	FIL.REAC	TOTAL	UNF.TOT.	UNF.TOT.		UNF-REAC		METALA-
			MG/L	MG/L	MG/L	MG/L	MG/L	UG/G DRY		UG/L	ALACHLOR	CHLOR
			AS N	AS N	AS N	AS N	AS PB	AS PB	PH	PHENOL	NG/L	NG/L
SAMPLE	DATE	TIME	SAMPLE									
YYMMDD	HHMM	LMT	NUMBER									
820415	0925		48492					0.003<				
	1600		61830	2.750	0.0030	2.750	0.58	0.003<	8.02	1.0<T		
820421	1500		61832	2.500	0.0050	2.495	0.85	0.003<	8.03	1 <T		
820422	0905		48510					0.003<				
	1300		61833	2.400	0.0030<T	2.395		0.003<				
820423	1300		61834	3.100	0.0020	3.100	0.58	0.003<	8.00	1.0		
820425	0900		61835	3.050	0.0020	3.050		0.003<				
820427	1300		61836	2.750	0.0010<T	2.750		0.003<				
820428	1000		61837	2.900	0.0050	2.895	0.63	0.003<	8.52			
820429	0900		48538					0.003<				
	1500		61838	2.850	0.0030	2.845		0.003<				100<W
820502	1800		61839	2.750	0.0040	2.745		0.003<				
820506	0955		48556	2.300	0.0050	2.300	0.78	0.003<	8.04	0.2<W		
820509	1700		61840	2.050	0.0180	2.030	0.82	0.003<	7.73	0.6<T		
820517	0800		61841	1.600	0.0390	1.560	0.80		8.00	0.2<W		
820524	1800		61842	1.650	0.0350	1.615		0.011				
820530	1100		61843	2.150	0.0800	2.070	0.73	0.003<	8.29	0.8	100<W	100<W
820606	1800		61844	4.100	0.0460	4.055		0.003<				
820607	1800		61845	3.400	0.0130	3.385	0.90	0.003<	8.06	0.2<W		
820608	1300		61846	3.500	0.0140	3.485		0.003<				
820609	1800		61847	3.950	0.0030	3.950	0.85	0.003<	8.02	0.2<W		
820610	1200		61848	3.800	0.0020	3.800		0.005				
820614	1200		61849	3.500	0.0020	3.5	1.38	0.010	8.33	0.6		
820621	1200		61850	2.300	0.0060	2.295		0.003<				
820622	0945		48613	2.450	0.0050	2.445	0.98	0.003<	8.24	1.4		
820624	1400		61851	2.850	0.0040	2.845		0.003<				
820701	1600		61852	3.600	0.0870	3.510	1.07	0.003<	7.80	0.6<T	100<W	100<W
820706	1125		48658	1.900	0.0025	1.900	1.03	0.003<	7.95	0.2<T		
820714	1000		61853	1.450	0.0030	1.450		0.008				
820802	1700		61854	0.650	0.0595	0.590	1.95	0.010	7.98	0.2<W		
820809	1040		48711	1.600	0.0110	1.590	0.85	0.003<	7.99	-0.4<T		
820815	1300		61855					0.003<				
820817	1700		61557	1.450	0.0070	1.440		0.006				
820826	1700		61856	1.100	0.0020	1.100	0.79	0.003	8.38	2.0		
820902	1010		48800	1.300	0.0370	1.260	1.00	0.005	8.22	0.6<T		
820908	1800		61858	1.500	0.0640	1.440		0.003<			100<W	100<W
820927	1700		61859	2.350	0.0015<T	2.350		0.004				
820929	1100		61860	2.590	0.0020	2.590		0.008	8.08	1.4	100<W	100<W
821001	0900		61861	3.200	0.0030	3.200		0.003<				
821005	1015		48841	3.100	0.0025	3.100	0.73	0.003<	8.42	-0.4<T		

(C O N T D)

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: AT BRIDGE IN DUNNVILLE
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

STATION ID: 16-0184-035-02

LAT: 42 54 00.69 LONG: 079 37 12.33

U T M: 17 0612660.0 4750440.0 4

REGION: 02

DISTANCE: 7.725

*INTERIM TEST-NAME:		NNOTFR	NNO2FR	NNO3FR	NNTKUR K'DAHL N TOTAL	PBUT LEAD UNF.TOT.	PBUT LEAD UNF.TOT.	PH	PHNOL PHENOLS UNF-REAC UG/L	POALA ALACHLOR NG/L	POMET METALA- CHLOR NG/L	
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	N02+N03N FIL.REAC MG/L AS N	N02-N FIL.REAC MG/L AS N	N03-N FIL.REAC MG/L AS N	FIL.TOT. MG/L AS N	UNF.TOT. MG/L AS PB	UNF.TOT. UG/G DRY AS PB	PH	PHENOL	ALACHLOR NG/L	METALA- CHLOR NG/L
821015	1600	61862	1.790	0.0055	1.780		0.003<					
821017	1500	61863	1.790	0.0080	1.780	0.68	0.003<		7.17	0.2<T		
821021	0455	48889					0.003<					
821101	1400	61864	2.200	0.0015	2.200		0.009			100<W	100<W	
821104	0945	48901	2.200	0.0045	2.200	0.550	0.016		7.94	0.2<W		
821105	1500	61865	2.350	0.0195	2.330		0.003<					
821107	1000	61866	3.150	0.0530	3.100	0.820	0.003<		7.96	0.6<T		
821116	1000	61867	3.300	0.0040	3.290		0.008					
821118	0915	48931					0.003					
821123	1300	61868	0.950	0.0130	0.937		0.016		8.12			
821124	0900	61869	3.400	0.0050	3.400	0.675	0.005		8.11	0.4<T		
821125	0900	61870	3.950	0.0100	3.940		0.003<		8.06			
821201	0900	61871	3.350	0.0025	3.350	0.725	0.003<		8.11	0.8<T		
821207	1600	61872	3.550	0.0040	3.550		0.007		7.85			
821208	1600	61873	3.600	0.0075	3.590		0.007		7.93			
821209	0935	48965	3.450	0.0090	3.440	1.100	0.008		7.98	0.2<T		
	1100	61874	3.500	0.0050	3.500		0.010		8.10		100<W	
	1600	61875	3.500	0.0060	3.490		0.009		8.09		100<W	
821212	0900	61876	3.500	0.0040	3.500	0.620	0.007		8.36	0.8		
821214	0900	61877	3.550	0.0070	3.540		0.006					
821219	1300	61880	3.460	0.0035	3.460	0.725	0.008		8.20	1.2		
821221	1300	61878	3.850	0.0030	3.850		0.006		8.23		100<W	
821223	0900	61879	3.750	0.0040	3.750	0.640	0.003<		8.42	0.2<T		
821229	0955	48981					0.003<					
		MAXIMUM	4.150	0.0870	4.080	2.60	0.016	45	8.52	2	100	100
		ARITH MEAN	2.855	0.018 <A	2.8	0.99	0.007	45	7.96	1 <A	100<A	100<A
		GEOM MEAN	2.726	0.009 <A	2.7	0.93			7.96		100<A	100<A
		MINIMUM	0.650	0.0010	0.590	0.550	0.003	45	7.17	-0.4	100	100
		STD DEV (GEOM *)	0.751	0.023 <A	0.8	0.39			0.32		0<A	0<A
		# SAMP IN STATISTICS	91	91	91	47	32	1	55	44	8	9
		% SAMP (EXCLUDED)					65					

(C O N T D)

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: AT BRIDGE IN DUNNVILLE
 STATION TYPE: RIVER

STATION ID: 16-0184-035-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 42 54 00.69 LONG: 079 37 12.33 U T M: 17 0612660.0 4750440.0 4 REGION: 02 DISTANCE: 7.725

*=INTERIM	TEST-NAME:	PP04FR	PPUT	PPUT	P1ALDR	P1ALDR	P1BHCA	P1BHCA	P1BHCA	P1BHCB	P1BHCB
SAMPLE		P04	PHOSPHOR	PHOSPHOR			BHC	BHC	BHC	BHC	BHC
DATE	HOURL	FIL.REAC	UNF.TOT.	UNF.TOT.	ALDRIN	ALDRIN	ALPHA	ALPHA	ALPHA	BETA	BETA
YYMMDD	LMT	NUMBER	MG/L	MG/L	NG/L	NG/G DRY	NG/L	NG/G DRY	NG/G WET	NG/L	NG/G DRY
		AS P	AS P	AS P							
820105	0900	61800	0.018								
820121	1125	48340	0.043	0.068	1<W		12			16	
820204	1100	48357	0.041	0.058	1<W		2			1<W	
820218	0940	48391		0.075							
820301	0950	48410			1<W		1			1<W	
820311	0950	48435		0.083							
820318	0830	48450		0.215							
820319	1135	82078				2.3	1<		1<		1<
820322	1000	61801	0.130	0.305							
	1700	61802	0.130	0.312							
820323	0900	61803	0.130	0.338							
	1800	61804	0.130	0.335							
820324	0900	61805	0.130	0.320							
	1700	61806	0.125	0.340							
820325	0855	48470		0.272							
	0900	61807	0.115	0.270							
	1700	61808	0.120	0.340							
820326	0900	61809	0.1250	0.305							
	1800	61810	0.1350	0.328							
820327	0900	61811	0.1350	0.270							
820328	0800	61812	0.1200	0.205							
820330	0900	61814	0.096	0.190							
820331	1700	61815	0.0850	0.232	40<W						
820401	0900	61816	0.0950	0.675							
	0920	48473		0.900							
	1800	61817	0.1050	0.930							
820402	0900	61818	0.1180	0.765							
820403	0800	61819		0.705							
820404	1800	61820	0.093	0.425							
820405	0900	61821	0.0970	0.392							
	1800	61822		0.345							
820407	0900	61823	0.0740	0.205							
	0903	48477	0.0720	0.210	1<W		3			1<W	
820408	0900	61824	0.0620	0.170							
820409	1700	61825	0.0520	0.140							
820410	0900	61826	0.0485	0.115							
820412	0900	61827	0.0490	0.112							
820413	1600	61828	0.0620	0.118							
820414	1600	61829	0.0540	0.095							
820415	0900	61831	0.0680	0.185							
	0925	48492		0.120							

(C O N T D)

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: AT BRIDGE IN DUNNVILLE
 STATION TYPE: RIVER

STATION ID: 16-0184-035-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 42 54 00.69 LONG: 079 37 12.33

U T M: 17 0612660.0 4750440.0 4

REGION: 02

DISTANCE: 7.725

*=INTERIM TEST-NAME:		PP04FR	PPUT	PPUT	P1ALDR	P1ALDR	P1BHCA	P1BHCA	P1BHCA	P1BHCB	P1BHCB
		PO4	PHOSPHOR	PHOSPHOR			BHC	BHC	BHC	BHC	BHC
		FIL.REAC	UNF.TOT.	UNF.TOT.	ALDRIN	ALDRIN	ALPHA	ALPHA	ALPHA	BETA	BETA
SAMPLE	DATE	MG/L	MG/L	MG/G DRY	NG/L	NG/G DRY	NG/L	NG/G DRY	NG/G WET	NG/L	NG/G DRY
YYMMDD	HOUR	AS P	AS P	AS P							
820415	1600	61830	0.0510	0.105							
820421	1500	61832	0.0480	0.135							
820422	0905	48510		0.140							
	1300	61833	0.0460	0.111							
820423	1300	61834	0.0480	0.115							
820425	0900	61835	0.0410	0.093							
820427	1300	61836	0.0380	0.123							
820428	1000	61837	0.0410	0.115							
820429	0900	48538		0.125	1<W		3			1	
	1045	48543			1<W				1<W		
	1500	61838	0.0360	0.105	40<W						
820502	1800	61839	0.0210	0.118							
820506	0955	48556	0.0240	0.110	1<W		1<W			1<W	
820509	1700	61840	0.0320	0.132							
820517	0800	61841	0.0150	0.080							
820524	1800	61842	0.0210	0.095							
820530	1100	61843	0.0110	0.063	40<W						
820606	1800	61844	0.0360	0.138							
820607	1800	61845	0.0440	0.155							
820608	1300	61846	0.0370	0.145							
820609	1800	61847	0.0310	0.063							
820610	1200	61848	0.0320	0.135							
820614	1200	61849	0.0270	0.133							
820621	1200	61850	0.0340	0.046							
820622	0945	48613	0.0310	0.115	1<W		3			1<W	
820624	1400	61851	0.0360	0.105							
820701	1600	61852	0.0250	0.100	40<W						
820706	1125	48658	0.0180	0.118	1<W		3			1<W	
820714	1000	61853	0.0340	0.278							
820802	1700	61854		0.052	40<W						
820809	1040	48711	0.0350	0.148	1<W		5			1<W	
820815	1300	61855		0.118							
820817	1700	61557	0.0350	0.106							
820826	1700	61856	0.0145	0.099							
820902	1010	48800	0.0245	0.110	1<W		8			1<W	
820908	1800	61858	0.0155	0.075	40<W						
820927	1700	61859	0.0265	0.112							
820929	1100	61860	0.0480		40<W						
821001	0900	61861	0.0560	0.117							
821005	1015	48841	0.0550	0.130	1<W		3			1<W	
821015	1600	61862	0.0200	0.123							

(C O N T D)

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: AT BRIDGE IN DUNNVILLE
 STATION TYPE: RIVER

STATION ID: 16-0184-035-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 42 54 00.69 LONG: 079 37 12.33

U T M: 17 0612660.0 4750440.0 4

REGION: 02

DISTANCE: 7.725

*=INTERIM	TEST-NAME:	PP04FR	PPUT	PPUT	P1ALDR	P1ALDR	P1BHCA	P1BHCA	P1BHCA	P1BHCB	P1BHCB	
		PO4	PHOSPHOR	PHOSPHOR			BHC	BHC	BHC	BHC	BHC	
SAMPLE		FIL.REAC	UNF.TOT.	UNF.TOT.			ALPHA	ALPHA	ALPHA	BETA	BETA	
DATE	HOOR	MG/L	MG/L	MG/G DRY	ALDRIN	ALDRIN	NG/L	NG/G DRY	NG/G WET	NG/L	NG/G DRY	
YYMMDD	LMT	AS P	AS P	AS P	NG/L	NG/G DRY						
821017	1500	61863	0.0170	0.085								
821021	0455	48889		0.107								
821028	1440	48894										
821101	1400	61864	0.0150	0.035	40<W	1<W		1<W			1<W	
821104	0945	48901	0.0420	0.130	1<W		4			1<W		
821105	1500	61865	0.0380	0.125								
821107	1000	61866	0.0560	0.131								
821116	1000	61867	0.0615	0.117								
821118	0915	48931		0.150								
821123	1300	61868	0.0455	0.115								
821124	0900	61869	0.0720	0.145								
821125	0900	61870	0.1150	0.285								
821201	0900	61871	0.0610	0.112								
821207	1600	61872	0.0880	0.370								
821208	1600	61873	0.1250	0.445								
821209	0935	48965	0.0980	0.280	1<W		3			1<W		
	1100	61874	0.0980	0.275	40<W							
	1600	61875	0.0950	0.342								
821212	0900	61876	0.0570	0.103								
821214	0900	61877	0.0530	0.103								
821219	1300	61880	0.0640	0.147								
821221	1300	61878	0.0720	0.087	40<W							
821223	0900	61879	0.0640	0.090								
821229	0955	48981		0.280								
		MAXIMUM	0.1350	0.930	2.3	40	1	12	1	1	16	1
		ARITH MEAN	0.062	0.200	2.3	17<A	1<A	4<A	1<A	1<A	2<A	1<A
		GEOM MEAN	0.051	0.158		5<A		3<A			1<A	
		MINIMUM	0.0110	0.035	2.3	1	1	1	1	1	1	1
		STD DEV (GEOM *)	0.037	0.168		20<A		3<A			4<A	
		# SAMP IN STATISTICS	87	100	1	24	1	13	1	1	13	1
		% SAMP (EXCLUDED)					50		50			50

(C O N T D)

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: AT BRIDGE IN DUNNVILLE
 STATION TYPE: RIVER

STATION ID: 16-0184-035-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 42 54 00.69 LONG: 079 37 12.33

U T M: 17 0612660.0 4750440.0 4

REGION: 02

DISTANCE: 7.725

*=INTERIM		TEST-NAME:	P1BHCB	P1BHCG	P1BHCG	P1CHLA	P1CHLA	P1CHLG	P1CHLG	P1CHLG	P1DIEL	P1DIEL
SAMPLE DATE	HOUR	SAMPLE	BHC BETA	BHC GAMMA	BHC GAMMA	CHLRDANE ALPHA	CHLRDANE ALPHA	CHLRDANE GAMMA	CHLRDANE GAMMA	CHLRDANE GAMMA	DIELDRIN	DIELDRIN
YYMMDD	LMT	NUMBER	NG/G WET	NG/L	NG/G DRY	NG/L	NG/G DRY	NG/L	NG/G DRY	NG/G WET	NG/L	NG/G DRY
820121	1125	48340		5		2<W		2<W			2<W	
820204	1100	48357		4		2<W		2<W			2<W	
820301	0950	48410		6		2<W		2<W			2<W	
820319	1135	82078			1<		2<		2<			2<
820331	1700	61815		40<W		10<W					1<W	
820407	0903	48477		1<W		2<W		2<W			2<W	
820429	0900	48538		1		2<W		2<W			2<W	
	1045	48543	1<W	1<W		2<W				2<W	2<W	
	1500	61838		40<W		10<W					1<W	
820506	0955	48556		1<W		2<W		2<W			2<W	
820530	1100	61843		40<W		10<W					1<W	
820622	0945	48613		1<W		2<W		2<W			2<W	
820701	1600	61852		40<W		10<W					1<W	
820706	1125	48658		1<W		2<W		2<W			2<W	
820802	1700	61854		40<W		10<W					1<W	
820809	1040	48711		1<W		2<W		2<W			2<W	
820902	1010	48800		6		2<W		2<W			2<W	
820908	1800	61858		40<W		10<W					1<W	
820929	1100	61860		40<W		10<W					1<W	
821005	1015	48841		1		2<W		2<W			2<W	
821028	1440	48894			1<W		2<W		2<W			2<W
821101	1400	61864		40<W		10<W					1<W	
821104	0945	48901		2		2<W		2<W			2<W	
821209	0935	48965		1		2<W		2<W			2	
	1100	61874		40<W		10<W					1<W	
821221	1300	61878		40<W		10<W					1<W	
MAXIMUM			1	40	1	10	2	2	2	2	2	2
ARITH MEAN			1<A	18<A	1<A	5<A	2<A	2<A	2<A	2<A	2<A	2<A
GEOM MEAN				6<A		4<A		2<A			1<A	
MINIMUM			1	1	1	2	2	2	2	2	1	2
STD DEV (GEOM *)				19<A		4<A		0<A			1<A	
# SAMP IN STATISTICS			1	24	1	24	1	13	1	1	24	1
% SAMP (EXCLUDED)					50		50		50			50

(C O N T D)

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: AT BRIDGE IN DUNNVILLE
 STATION TYPE: RIVER

STATION ID: 16-0184-035-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 42 54 00.69 LONG: 079 37 12.33 U T M: 17 0612660.0 4750440.0 4 REGION: 02 DISTANCE: 7.725

*=INTERIM	TEST-NAME:	PIDMDT	PIDMDT	PIENDR	PIENDR	PIENDS	PIENDS	PIENDS	PIENDT	PIEND1	PIEND1
SAMPLE		DMDT	DMDT			ENDOSULP	ENDOSULP	ENDOSULP	ENDOSULP	ENDOSULP	ENDOSULP
DATE HOUR	SAMPLE	MTHXYLLR	MTHXYLLR	ENDRIN	ENDRIN	SULPHATE	SULPHATE	SULPHATE	TOTAL	I	I
YYMMDD LMT	NUMBER	NG/L	NG/G DRY	NG/L	NG/G DRY	NG/L	NG/G DRY	NG/G WET	NG/L	NG/L	NG/G DRY
820121 1125	48340	5<W		4<W		4<W				2<W	
820204 1100	48357	5<W		4<W		4<W				2<W	
820301 0950	48410	5<W		4<W		4<W				2<W	
820319 1135	82078		5<		4<		4<				2<
820331 1700	61815	40<W		20<W					5<W		
820407 0903	48477	5<W		4<W		4<W				2<W	
820429 0900	48538	5<W		4<W		4<W				2<W	
	1045	5<W		4<W				4<W			
	1500	61838	40<W	20<W					5<W		
820506 0955	48556	5<W		4<W		4<W				2<W	
820530 1100	61843	40<W		20<W					5<W		
820622 0945	48613	5<W		4<W		4<W				2<W	
820701 1600	61852	40<W		20<W					5<W		
820706 1125	48658	5<W		4<W		4<W				2<W	
820802 1700	61854	40<W		20<W					5<W		
820809 1040	48711	5<W		4<W		4<W				2<W	
820902 1010	48800	5<W		4<W		4<W				2<W	
820908 1800	61858	40<W		20<W					5<W		
820929 1100	61860	40<W		20<W					5		
821005 1015	48841	5<W		4<W		4<W				2<W	
821028 1440	48894		5<W		4<W		4<W				2<W
821101 1400	61864	40<W		20<W					5<W		
821104 0945	48901	5<W		4<W		4<W				2<W	
821209 0935	48965	5<W		4<W		4<W				2<W	
	1100	61874	40<W	20<W					5<W		
821221 1300	61878	40<W		20<W					5<W		
MAXIMUM		40	5	20	4	4	4	4	5	2	2
ARITH MEAN		20<A	5<A	11<A	4<A	4<A	4<A	4<A	5<A	2<A	2<A
GEOM MEAN		12<A		8<A		4<A			5<A	2<A	
MINIMUM		5	5	4	4	4	4	4	5	2	2
STD DEV (GEOM *)		18<A		8<A		0<A			0<A	0<A	
# SAMP IN STATISTICS		24	1	24	1	13	1	1	10	13	1
% SAMP (EXCLUDED)			50		50		50				50

(CONTD)

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: AT BRIDGE IN DUNNVILLE
 STATION TYPE: RIVER

STATION ID: 16-0184-035-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 42 54 00.69 LONG: 079 37 12.33 U T M: 17 0612660.0 4750440.0 4 REGION: 02 DISTANCE: 7.725

*=INTERIM	TEST-NAME:	P1END1	P1END2	P1END2	P1END2	P1HEPE	P1HEPE	P1HEPT	P1HEPT	P1MIRX	P1MIRX
SAMPLE	ENDOSULP	ENDOSULP	ENDOSULP	ENDOSULP	HEPE	HEPE	HEPACHOR	HEPACHOR	MIREX	MIREX	
DATE HOUR	I	II	II	II	NG/L	NG/G DRY	NG/L	NG/G DRY	NG/L	NG/G DRY	
YYMMDD LMT	NUMBER	NG/G WET	NG/L	NG/G DRY	NG/G WET	NG/G DRY	NG/G DRY	NG/G DRY	NG/G DRY	NG/G DRY	
820121 1125	48340		4<W				2		1<W	5<W	
820204 1100	48357		4<W				1<W		1<W	5<W	
820301 0950	48410		4<W				1<W		1<W	5<W	
820319 1135	82078			4<				1<		500<	
820331 1700	61815						2<W		40<W	40<W	
820407 0903	48477		4<W				1<W		1<W	5<W	
820429 0900	48538		4<W				1		1<W	5<W	
1045	48543	2<W			4<W		1<W		1<W	5<W	
1500	61838						2<W		40<W	40<W	
820506 0955	48556		4<W				1<W		1<W	5<W	
820530 1100	61843						2<W		40<W	40<W	
820622 0945	48613		4<W				1<W		1<W	5<W	
820701 1600	61852						2<W		40<W	40<W	
820706 1125	48658		4<W				1<W		1<W	5<W	
820802 1700	61854						2<W		40<W	40<W	
820809 1040	48711		4<W				1<W		1<W	5<W	
820902 1010	48800		4<W				1<W		1<W	5<W	
820908 1800	61858						2<W		40<W	40<W	
820929 1100	61860						2<W		40<W	40<W	
821005 1015	48841		4<W				1<W		1<W	5<W	
821028 1440	48894			4<W				1<W		500<W	
821101 1400	61864						2<W		40<W	40<W	
821104 0945	48901		4<W				1<W		1<W	5<W	
821209 0935	48965		4<W				1<W		1<W	5<W	
1100	61874						2<W		40<W	40<W	
821221 1300	61878						2<W		40<W	40<W	
MAXIMUM	2	4	4	4	2	1	40	1	40	500	
ARITH MEAN	2<A	4<A	4<A	4<A	1<A	1<A	17<A	1<A	20<A	500<A	
GEOM MEAN		4<A			1<A		5<A		12<A		
MINIMUM	2	4	4	4	1	1	1	1	5	500	
STD DEV (GEOM *)		0<A			1<A		20<A		18<A		
# SAMP IN STATISTICS	1	13	1	1	24	1	24	1	24	1	
% SAMP (EXCLUDED)			50			50		50		50	

(C O N T D)

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: AT BRIDGE IN DUNNVILLE
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STATION ID: 16-0184-035-02

STORET CODE: 02
 003
 0150

LAT: 42 54 00.69 LONG: 079 37 12.33

U T M: 17 0612660.0 4750440.0 4

REGION: 02

DISTANCE: 7.725

*INTERIM TEST-NAME:		P1OCHL	P1OCHL	P1OCHL	P1OPDT	P1OPDT	P1PCBT	P1PCBT	P1PPDD	P1PPDD	P1PPDD	
SAMPLE DATE	HOUR	SAMPLE	OXCHLANE	OXCHLANE	OXCHLANE	OP-DDT	OP-DDT	PCB	PCB	PP-DDD	PP-DDD	PP-DDD
YYHHDD	LMT	NUMBER	NG/L	NG/G DRY	NG/G WET	NG/L	NG/G DRY	TOTAL NG/L	TOTAL NG/G DRY	NG/L	NG/G DRY	NG/G WET
820121	1125	48340	2<W			5<W		20<W		5<W		
820204	1100	48357	2<W			5<W		20<W		5<W		
820301	0950	48410	2<W			5<W		20<W		5<W		
820319	1135	82078		2<			5<		45		5<	
820331	1700	61815				2<W		6<W				
820407	0903	48477	2<W			5<W		20<W		5<W		
820429	0900	48538	2<W			5<W		20<W		5<W		
	1045	48543			2<W	5<W		20<W				5<W
	1500	61838				2<W		6<W				
820506	0955	48556	2<W			5<W		20<W		5<W		
820530	1100	61843				2<W		6<W				
820622	0945	48613	2<W			5<W		20<W		5<W		
820701	1600	61852				2<W		6<W				
820706	1125	48658	2<W			5<W		20<W		5<W		
820802	1700	61854				2<W		6<W				
820809	1040	48711	2<W			5<W		20<W		5<W		
820902	1010	48800	2<W			5<W		20<W		5<W		
820908	1800	61858				2<W		6<W				
820929	1100	61860				2<W		6<W				
821005	1015	48841	2<W			5<W		20<W		5<W		
821028	1440	48894		2<W			5<W		20<W		5<W	
821101	1400	61864				2<W		6<W				
821104	0945	48901	2<W			5<W		20<W		5<W		
821209	0935	48965	2<W			5<W		20<W		5<W		
	1100	61874				2<W		6<W				
821221	1300	61878				2<W		6<W				
MAXIMUM			2	2	2	5	5	20	45	5	5	5
ARITH MEAN			2<A	2<A	2<A	4<A	5<A	14<A	32<A	5<A	5<A	5<A
GEOM MEAN			2<A			3<A		12<A	30<A	5<A		
MINIMUM			2	2	2	2	5	6	20	5	5	5
STD DEV (GEOM *)			0<A			2<A		7<A	18<A	0<A		
# SAMP IN STATISTICS			13	1	1	24	1	24	2	13	1	1
% SAMP (EXCLUDED)				50			50			50		

(CONT'D)

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: AT BRIDGE IN DUNNVILLE
 STATION TYPE: RIVER

STATION ID: 16-0184-035-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 42 54 00.69 LONG: 079 37 12.33 U T M: 17 0612660.0 4750440.0 4 REGION: 02 DISTANCE: 7.725

*INTERIM TEST-NAME:		P1PPDE	P1PPDE	P1PPDT	P1PPDT	P2ATRA	P2CYAN	P2CYPR	P2DATR	P2PROM	P2SENC	
SAMPLE DATE	HOUR	SAMPLE NUMBER	PP-DDE NG/L	PP-DDE NG/G DRY	PP-DDT NG/L	PP-DDT NG/G DRY	ATRAZINE NG/L	CYNAZINE NG/L	CYPRAZIN NG/L	DE-ETYL ATRAZINE NG/L	PROMETON NG/L	SENCOR NG/L
820121	1125	48340	1<W		5<W							
820204	1100	48357	1<W		5<W							
820301	0950	48410	1<W		5<W							
820319	1135	82078		4		5<						
820331	1700	61815	1<W		2<W		500	20<W	20<W	200	20<W	20<W
820407	0903	48477	1<W		5<W							
820429	0900	48538	1<W		5<W							
	1045	48543	1<W		5<W							
	1500	61838	1<W		2<W		200	20<W	20<W	300	20<W	20<W
820506	0955	48556	1<W		5<W							
820530	1100	61843	1<W		2<W		1100	1000	20<W	200	20<W	20<W
820622	0945	48613	1<W		5<W							
820701	1600	61852	1<W		2<W		4300	700	20<W	800	20<W	20<W
820706	1125	48658	1<W		5<W							
820802	1700	61854	1<W		2<W							
820809	1040	48711	1<W		5<W							
820902	1010	48800	1<W		5<W							
820908	1800	61858	1<W		2<W		800	400	20<W	200	20<W	20<W
820929	1100	61860	1<W		2<W		600	20<W	20<W	20<W	20<W	20<W
821005	1015	48841	1<W		5<W							
821028	1440	48894		1<W		5<W						
821101	1400	61864	1<W		2<W		100	20<W	20<W	100	20<W	20<W
821104	0945	48901	1<W		5<W							
821209	0935	48965	1<W		5<W							
	1100	61874	1<W		2<W		600	20<W	20<W	300	20<W	20<W
821221	1300	61878	1<W		2<W		800	20<W	20<W	800	20<W	20<W
		MAXIMUM	1	4	5	5	4300	1000	20	800	20	20
		ARITH MEAN	1<A	2<A	4<A	5<A	1000	247<A	20<A	324<A	20<A	20<A
		GEOM MEAN	1<A	2<A	3<A		605	64<A	20<A	213<A	20<A	20<A
		MINIMUM	1	1	2	5	100	20	20	20	20	20
		STD DEV (GEOM *)	0<A	2<A	2<A		1275	372<A	0<A	284<A	0<A	0<A
		# SAMP IN STATISTICS	24	2	24	1	9	9	9	9	9	9
		% SAMP (EXCLUDED)				50						

(C O N T D)

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: AT BRIDGE IN DUNNVILLE
 STATION TYPE: RIVER

STATION ID: 16-0184-035-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 42 54 00.69 LONG: 079 37 12.33 U T M: 17 0612660.0 4750440.0 4 REGION: 02 DISTANCE: 7.725

*INTERIM TEST-NAME:		P2SIM	P3DICA	P3MCPA	P3MCPB	P3MCPD	P3SILV	P324D	P324DB	P324DP	P324ST	
SAMPLE DATE	YHMD LMT	SAMPLE NUMBER	SIMAZINE NG/L	DICAMBA NG/L	MCPA NG/L	MCPB NG/L	MCPD NG/L	SILVEX NG/L	2,4-D NG/L	2,4-DB NG/L	2,4-DP NG/L	2,4,5-T NG/L
820331	1700	61815	20<W	100<W	100<W	100<W	100<W	100<W	100<W	500<W	100<W	100<W
820429	1500	61838	20<W	100<W	100<W	100<W	100<W	100<W	100<W	500<W	100<W	100<W
820530	1100	61843	20<W	800	100<W	100<W	100<W	100<W	300	500<W	100<W	100<W
820701	1600	61852	20<W	100	100<W	100<W	100<W	100<W	100<W	500<W	100<W	100<W
820908	1800	61858	20<W	100<W	100<W	100<W	100<W	100<W	100<W	500<W	100<W	100<W
820929	1100	61860	20<W	100<W	100<W	100<W	100<W	100<W	100<W	500<W	100<W	100<W
821101	1400	61864	20<W	100<W	100<W	100<W	100<W	100<W	600	500<W	200	100<W
821209	1100	61874	20<W	100<W	100<W	100<W	100<W	100<W	100	500<W	100<W	100<W
821221	1300	61878	20<W	100<W	100<W	100<W	100<W	100<W	100<W	500<W	100<W	100<W

MAXIMUM	20	800	100	100	100	100	100	600	500	200	100
ARITH MEAN	20<A	178<A	100<A	100<A	100<A	100<A	100<A	178<A	500<A	111<A	100<A
GEOM MEAN	20<A	126<A	100<A	100<A	100<A	100<A	100<A	138<A	500<A	108<A	100<A
MINIMUM	20	100	100	100	100	100	100	100	500	100	100
STD DEV (GEOM *)	0<A	233<A	0<A	0<A	0<A	0<A	0<A	172<A	0<A	33<A	0<A
# SAMP IN STATISTICS	8	9	8	9	8	9	9	9	9	9	9
% SAMP (EXCLUDED)											

*INTERIM TEST-NAME:		P4CLFN CHLORO FENVIN	P4DEMT	P4DIAZ	P4DIME	P4DURS	P4ETHI	P4GUTH	P4LEPO	P4MALA	P4PALO	
SAMPLE DATE	YHMD LMT	SAMPLE NUMBER	PHOS NG/L	DEMOTON NG/L	DIAZINON NG/L	DIMETHOK NG/L	DURBAN NG/L	ETHION NG/L	GUTHION NG/L	LEPTPHOS NG/L	MALTHION NG/L	PHOSLONE NG/L
820331	1700	61815	1000<W	1000<W	50<W	250<W	100<W	100<W	5000<W	1000<W	100<W	500<W
820429	1500	61838	1000<W	1000<W	50<W	250<W	100<W	100<W	5000<W	1000<W	100<W	500<W
820530	1100	61843	1000<W	1000<W	50<W	250<W	100<W	100<W	5000<W	1000<W	100<W	500<W
820701	1600	61852	1000<W	1000<W	50<W	250<W	100<W	100<W	5000<W			
820802	1700	61854	1000<W	1000<W	50<W	250<W	100<W	100<W	5000<W	1000<W	100<W	500<W
820908	1800	61858	1000<W	1000<W	50<W	250<W	100<W	100<W	5000<W	1000<W	100<W	500<W
820929	1100	61860	1000<W	1000<W	50<W	250<W	100<W	100<W	5000<W	1000<W	100<W	500<W
821101	1400	61864	1000<W	1000<W	50<W	250<W	100<W	100<W	5000<W	1000<W	100<W	500<W
821209	1100	61874	1000<W	1000<W	50<W	250<W	100<W	100<W	5000<W	1000<W	100<W	500<W
821221	1300	61878	1000<W	1000<W	50<W	250<W	100<W	100<W	5000<W	1000<W	100<W	500<W

MAXIMUM	1000	1000	50	250	100	100	5000	1000	100	500
ARITH MEAN	1000<A	1000<A	50<A	250<A	100<A	100<A	5000<A	1000<A	100<A	500<A
GEOM MEAN	1000<A	1000<A	50<A	250<A	100<A	100<A	5000<A	1000<A	100<A	500<A
MINIMUM	1000	1000	50	250	100	100	5000	1000	100	500
STD DEV (GEOM *)	0<A	0<A	0<A	0<A	0<A	0<A	0<A	0<A	0<A	0<A
# SAMP IN STATISTICS	10	10	10	10	10	9	10	9	9	9
% SAMP (EXCLUDED)										

(C O N T D)

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: AT BRIDGE IN DUNNVILLE
 STATION TYPE: RIVER

STATION ID: 16-0184-035-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 42 54 00.69 LONG: 079 37 12.33 U T M: 17 0612660.0 4750440.0 4 REGION: 02 DISTANCE: 7.725

*=INTERIM TEST-NAME:		P4PARA	P4PMET	P6CARB	P6CARY	P6CYCL	P6EPTM	P6MOLI	P6PEBU	P6SUTN	P6VERN	
SAMPLE DATE	YMHDD LMT	SAMPLE NUMBER	PARTHION NG/L	PHOSMET NG/L	CARBO-FURAN NG/L	CARBARYL NG/L	CYCLOATE NG/L	EPTAM NG/L	MOLINATE NG/L	PEBULATE NG/L	SUTAN NG/L	VERNLATE NG/L
820331	1700	61815	50<W	2000<W								
820429	1500	61838	50<W	2000<W								
820530	1100	61843	50<W	2000<W	1000<W	1000<W	1000<W	1000<W	1000<W			
820701	1600	61852			1000<W	1000<W	1000<W	1000<W	1000<W	1000<W	1000<W	1000<W
820802	1700	61854	50<W	2000<W								
820908	1800	61858	50<W	2000<W	1000<W	1000<W	1000<W	1000<W	1000<W	1000<W	1000<W	1000<W
820929	1100	61860	50<W	2000<W	1000<W	1000<W	1000<W	1000<W	1000<W			
821101	1400	61864	50<W	2000<W	1000<W	1000<W	1000<W	1000<W	1000<W	1000<W	1000<W	1000<W
821209	1100	61874	50<W	2000<W								
821221	1300	61878	50<W	2000<W								
MAXIMUM			50	2000	1000	1000	1000	1000	1000	1000	1000	1000
ARITH MEAN			50<A	2000<A	1000<A	1000<A	1000<A	1000<A	1000<A	1000<A	1000<A	1000<A
GEOM MEAN			50<A	2000<A	1000<A	1000<A	1000<A	1000<A	1000<A	1000<A	1000<A	1000<A
MINIMUM			50	2000	1000	1000	1000	1000	1000	1000	1000	1000
STD DEV (GEOM *)			0<A	0<A	0<A	0<A	0<A	0<A	0<A	0<A	0<A	0<A
# SAMP IN STATISTICS			9	9	5	5	5	5	5	3	3	3
% SAMP (EXCLUDED)												

*=INTERIM TEST-NAME:		RSF	RSP	X2HCB	X2HCB	X2HCB	ZNUT
SAMPLE DATE	YMHDD LMT	SAMPLE NUMBER	RESIDUE FILTERED MG/L	RESIDUE PARTIC. MG/L	HCB NG/L	HCB NG/G DRY	ZINC UNF.TOT. MG/L AS ZN
820105	0900	61800		9.0			
820121	1125	48340	600	1.9	1		0.012
820204	1100	48357	686	2.0	1<W		0.012
820218	0940	48391		1.2			0.014
820301	0950	48410	73	1.2	1		0.020
820311	0950	48435		19.0			0.001
820318	0830	48450		40.1			0.0190
820319	1135	82078				1<	
820322	1000	61801		174.0			
	1700	61802		196.0			
820323	0900	61803		191.0			
	1800	61804		192.0			
820324	0900	61805		197.0			
	1700	61806		124.0			
820325	0855	48470		71.0			0.025
	0900	61807		130.0			

(C O N T D)

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: AT BRIDGE IN DUNNVILLE
 STATION TYPE: RIVER

STATION ID: 16-0184-035-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 42 54 00.69 LONG: 079 37 12.33

U T M: 17 0612660.0 4750440.0 4

REGION: 02

DISTANCE: 7.725

*INTERIM TEST-NAME:		RSF	RSP	X2HCB	X2HCB	X2HCB	ZNUT
		RESIDUE	RESIDUE				ZINC
SAMPLE		FILTERED	PARTIC.	HC	HC	HC	UNF.TOT.
DATE	HOUR	MG/L	MG/L	NG/L	NG/G DRY	NG/G WET	MG/L
YYMMDD	LMT						AS ZN
820325	1700	61808	233.0				
820326	0900	61809	233.0				
	1800	61810	79.1				
820327	0900	61811	117.0				
820328	0800	61812	40.1				
820329	1600	61813	54.700				
820330	0900	61814	80.4				
820331	1700	61815	186.0				
820401	0900	61816	228.0				
	0920	48473	457.0				0.079U
	1800	61817	1108.00				
820402	0900	61818	1016.00				
820403	0800	61819	1036.0				
820404	1800	61820	387.0				
820405	0900	61821	192.000				
	1800	61822	186.000				
820407	0900	61823	71.300				
	0903	48477	73.900	1<W			0.009U
820408	0900	61824	52.700				
820409	1700	61825	27.700				
820410	0900	61826	29.400				
820412	0900	61827	32.900				
820413	1600	61828	29.100				
820414	1600	61829	37.600				
820415	0900	61831	14.200				
	0925	48492	39.100				0.003
	1600	61830	33.500				
820421	1500	61832	57.600				
820422	0905	48510	49.400				0.014
	1300	61833	57.400				
820423	1300	61834	41.700				
820425	0900	61835	41.300				
820427	1300	61836	50.000				
820428	1000	61837	57.900				
820429	0900	48538	31.500	1<W			0.010
	1045	48543				1<W	
	1500	61838	57.700				
820502	1800	61839	102.000				
820506	0955	48556	41.100	1<W			0.034
820509	1700	61840	54.500				
820517	0800	61841	35.100				

(C O N T D)

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: AT BRIDGE IN DUNNVILLE
 STATION TYPE: RIVER

STATION ID: 16-0184-035-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 42 54 00.69 LONG: 079 37 12.33 U T M: 17 0612660.0 4750440.0 4 REGION: 02 DISTANCE: 7.725

*INTERIM TEST-NAME:		RSF	RSP	X2HCB	X2HCB	X2HCB	ZNUT ZINC UNF.TOT. MG/L AS ZN
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	RESIDUE FILTERED MG/L	RESIDUE PARTIC. MG/L	HC NG/L	HC NG/G DRY	HC NG/G WET
820524	1800	61842		38.400			
820530	1100	61843		35.800			
820606	1800	61844		50.000			
820607	1800	61845		78.900			
820608	1300	61846		81.600			
820609	1800	61847		52.300			
820610	1200	61848		77.600			
820614	1200	61849		96.300			
820621	1200	61850		110.000			
820622	0945	48613	463.0	45.600	1<W		0.005
820624	1400	61851		57.700			
820701	1600	61852		35.600			
820706	1125	48658	441.0	36.900	1<W		0.0100
820714	1000	61853		50.600			
820802	1700	61854		50.900			
820809	1040	48711	405.0	55.400	1		0.007
820815	1300	61855		53.000			
820817	1700	61557		51.000			
820826	1700	61856		69.300			
820902	1010	48800	385.0	40.500	1		0.009
820908	1800	61858		43.700			
820927	1700	61859		51.800			
820929	1100	61860		70.700			
821001	0900	61861		13.500			
821005	1015	48841	458.0	33.800	1<W		0.007
821015	1600	61862		142.000			
821017	1500	61863		57.100			
821021	0455	48889		63.600			0.015
821028	1440	48894				1<W	
821101	1400	61864		29.400			
821104	0945	48901	465.0	54.600	1<W		0.017
821105	1500	61865		57.300			
821107	1000	61866		12.100			
821116	1000	61867		27.000			
821118	0915	48931		19.700			0.008
821123	1300	61868		133.000			
821124	0900	61869		75.100			
821125	0900	61870		62.500			
821201	0900	61871		73.700			
821207	1600	61872		585.000			
821208	1600	61873		217.000			

(C O N T D)

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: AT BRIDGE IN DUNNVILLE
 STATION TYPE: RIVER

STATION ID: 16-0184-035-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 42 54 00.69 LONG: 079 37 12.33

U T M: 17 0612660.0 4750440.0 4

REGION: 02

DISTANCE: 7.725

*=INTERIM TEST-NAME:		RSF	RSP	X2HCB	X2HCB	X2HCB	ZNUT
							ZINC
SAMPLE		RESIDUE	RESIDUE				UNF.TOT.
DATE	HR	FILTERED	PARTIC.	HC	HC	HC	MG/L
YYMMDD	LMT	MG/L	MG/L	NG/L	NG/G DRY	NG/G WET	AS ZN
821209	0935	48965	369.0	69.000	1<W		0.018
	1100	61874		153.000			
	1600	61875		142.000			
821212	0900	61876		20.100			
821214	0900	61877		13.200			
821219	1300	61880		55.400			
821221	1300	61878		35.900			
821223	0900	61879		20.000			
821229	0955	48981		75.700			0.020
	MAXIMUM	686	1108.00	1	1	1	0.079
	ARITH MEAN	387	112.3	1<A	1<A	1<A	0.016
	GEOM MEAN	310	58.5	1<A			0.012
	MINIMUM	41.1	1.2	1	1	1	0.001
	STD DEV (GEOM *)	188	186.0	0<A			0.016
	# SAMP IN STATISTICS	12	104	13	1	1	23
	% SAMP (EXCLUDED)				50		

B.O.W./ SITE: SPEED RIVER
 SAMPLE POINT: PUSLINCH LAKE RD 4M S-W GUELPH
 STATION TYPE: RIVER FLOW GAUGE FED 02GA015

STATION ID: 16-0184-036-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 43 29 02.44 LONG: 080 16 58.02

U T M: 17 0558000.0 4814600.0 4

REGION: 02

DISTANCE: 164.470

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	ALUT	BOD5	CAUR	CDUT	CLIDUR	COD	COND25
				ALK	ALUMINUM	5 DAY	CALCIUM	CADMIUM	CHLORIDE	CHEM. OX	CONDUCT.
				TOTAL	UNF.TOT.	TOT.DEM.	UNF.REAC	UNF.TOT.	UNF.REAC	DEMAND	25C
				MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UMHO/CM
				AS CAC03	AS AL	AS O	AS CA	AS CD	AS CL	AS O	AT 25 C
SAMPLE		SAMPLE	PROJECT								
DATE	HR	DEPTH	SUB-PROJ								
YYMMDD	LMT	M	CODE								
820113	0910	49012	0101	256	0.690	2.0	78.0	0.0007	51.50	20	745
820223	0920	49053	0101	246	0.220	1.6	74.0	0.0001<	70.00	12	795
820310	0915	49094	0101	261	0.035	1.0	78.0	0.0002	45.00	18	725
820428	0910	49135	0101	194.7	0.198	0.82	62.8	0.0002<	32.20	12	545.0
820521	0925	49176	0101	213.0	0.247	0.92	70.3	0.0010	57.00	12	
820617	0923	49217	0101	217.6		1.27	67.2		34.60	20	569.0
820707	0920	49258	0101	223.1	0.120	1.73	70.8	0.0002	59.00	20	674.0
820824	0925	49299	0101	221.9	0.110	2.40	68.7	0.0002<	74.00	38	712.0
820915	0920	49340	0101	180.5	0.020	3.32	56.6	0.0003	52.00	30	596.0
821027	0917	49381	0101	213.9		2.32	67.7		35.80	26.7	585.0
821109	0910	49422	0101	225.5	0.110	1.96	71.8	0.0002	33.60	27.4	592.0
821202	0912	49463	0101	229.0	0.120	1.68	72.4	0.0002<	28.70	26.1	554.0
		MAXIMUM	0.30	261	0.690	3.32	78.0	0.0010	74.00	38	795
		ARITH MEAN	0.30	224	0.187	1.8	69.9	0.0004	47.78	22	645
		GEOM MEAN		222	0.125	1.6	69.6		45.60	20	639
		MINIMUM	0.30	180.5	0.020	0.82	56.6	0.0002	28.70	12	545.0
		STD DEV (GEOM *)		23	0.191	0.7	6.0		15.25	8	88
		# SAMP IN STATISTICS	12	12	10	12	12	6	12	12	11
		% SAMP (EXCLUDED)						40			

*=INTERIM TEST-NAME:		CRUT	CUUT	DO	DOC	FCMF	FEUT	FSMF	FWFLOW	FWSTRC	FWTEMP
		CHROMIUM	COPPER	DISOLVED	DISOLVED	FECAL	IRON	FECAL	STREAM		
		UNF.TOT.	UNF.TOT.	OXYGEN	ORGANIC	COLIFORM	UNF.TOT.	STREPCUS	FLOW		
		MG/L	MG/L	MG/L	MG/L	MF	MG/L	MF	M3	COND.	TEMP
		AS CR	AS CU	AS O	AS C	/100ML	AS FE	/100ML	/S		DEG.C
SAMPLE											
DATE	HR										
YYMMDD	LMT	NUMBER									
820113	0910	49012	0.006	0.007	10.80	5.3	2900	0.10	420	2.750	4
820223	0920	49053	0.007	0.006	12.60		410	0.13	250	2.450	8
820310	0915	49094	0.001<	0.002	12.40	1.0	250	0.11	190	4.600	8
820428	0910	49135	0.006	0.008	10.70	4.8	100	0.160	60<=>	8.280	8
820521	0925	49176	0.008	0.013	7.40	4.8	1400	0.120	160	3.060	8 6
820617	0923	49217			8.80	5.5	180<=>	0.270	260	6.840	8 6
820707	0920	49258	0.003	0.013	4.90	5.7	120	0.150	240	2.830	7
820824	0925	49299	0.006	0.008	5.20	5.9	110	0.180	230	1.770	7
820915	0920	49340	0.002	0.025	2.50	5.9	580	0.085	450	1.860	7
821027	0917	49381			8.20	6.3	13000	0.180	2900	4.610	8 6
821109	0910	49422	0.001	0.007	10.40	7.7	140	0.275	40<=>	6.160	9
821202	0912	49463	0.002	0.009	11.40	6.0	590	0.125	90<=>	11.700	8 6

(C O N T D)

B.O.W./ SITE: SPEED RIVER
 SAMPLE POINT: PUSLINCH LAKE RD 4M S-W GUELPH
 STATION TYPE: RIVER FLOW GAUGE FED 02GA015

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STATION ID: 16-0184-036-02

STORET CODE: 02
 003
 0150

LAT: 43 29 02.44 LONG: 080 16 58.02

U T M: 17 0558000.0 4814600.0 4

REGION: 02

DISTANCE: 164.470

*=INTERIM TEST-NAME:			CRUT	CUUT	DO	DOC CARBON DISOLVED ORGANIC	FCMF FECAL COLIFORM MF CNT /100ML	FEUT IRON UNF.TOT. MG/L AS FE	FSMF FECAL STREPCUS MF CNT /100ML	FWFLOW STREAM FLOW M3 /S	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C
SAMPLE DATE YYMMDD	HOURL LMT	SAMPLE NUMBER	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	MG/L AS C						
MAXIMUM			0.008	0.025	12.60	7.7	13000	0.275	2900	11.700		21.0
ARITH MEAN			0.005	0.010	8.77	5.4	1648	0.16	441	4.742		9.7
GEOM MEAN				0.008	8.04	4.9	446	0.15	220	3.997		
MINIMUM			0.001	0.002	2.50	1.0	100	0.085	40	1.770		0.0
STD DEV (GEOM *)				0.006	3.23	1.6	4*	0.06	3*	3.019		
# SAMP IN STATISTICS			9	10	12	11	12	12	12	12		12
% SAMP (EXCLUDED)			10									

*=INTERIM TEST-NAME:			HARDT	MGUR	NIUT	NNHTR NH3-N TOTAL	NNOTFR NO2+NO3N FIL.REAC	NN02FR NO2-N FIL.REAC	NN03FR NO3-N FIL.REAC	NNTKUR K'DAHL N TOTAL	PBUT LEAD UNF.TOT. MG/L AS PB	PH
SAMPLE DATE YYMMDD	HOURL LMT	SAMPLE NUMBER	HARDNESS TOTAL MG/L AS CAC03	MAGNESIM FIL.REAC MG/L AS MG	NICKEL UNF.TOT. MG/L AS NI	MG/L AS N	MG/L AS N	MG/L AS N	MG/L AS N	MG/L AS N		PH
820113	0910	49012	291	23.50	0.004	0.256	4.150	0.800	3.350	0.96	0.010	8.14
820223	0920	49053	277.0	22.50	0.007	0.114	4.650	0.0700	4.580	0.68	0.005	8.08
820310	0915	49094	291	23.50	0.001<	0.036	3.650	0.042	3.610	0.60	0.004	8.01
820428	0910	49135	227.0	17.00	0.002<	0.004<T	2.100	0.0040	2.095	0.58	0.003<	8.15
820521	0925	49176	259.0	20.20	0.002	0.008	2.850	0.0020<T	2.845	0.80	0.005	8.29
820617	0923	49217	247.0	19.30		0.010	0.950	0.0120	0.940	0.78		7.96
820707	0920	49258	266.0	21.70	0.023	0.002<T	2.950	0.0030	2.950	0.66	0.003<	7.81
820824	0925	49299	260.0	21.40	0.006	0.016	4.350	0.0040	4.340	1.32	0.003	7.85
820915	0920	49340	212.0	17.20	0.004	0.030	2.250	0.0050	2.250	0.66	0.003<	7.85
821027	0917	49381	256.0	21.20		0.056	2.100	0.0070	2.090	0.85		8.44
821109	0910	49422	265.0	20.80	0.003	0.072	1.800	0.0385	1.740	0.840	0.006	8.14
821202	0912	49463	261.0	19.40	0.001	0.004<T	1.250	0.0020	1.250	0.570	0.005	8.62
MAXIMUM			291	23.50	0.023	0.256	4.650	0.800	4.580	1.32	0.010	8.62
ARITH MEAN			259	20.64	0.006	0.051<A	2.754	0.082 <A	2.670	0.77	0.005	8.11
GEOM MEAN			258	20.54		0.020<A	2.482	0.012 <A	2.421	0.75		8.11
MINIMUM			212.0	17.00	0.001	0.002	0.950	0.0020	0.940	0.570	0.003	7.81
STD DEV (GEOM *)			23	2.14		0.073<A	1.224	0.227 <A	1.152	0.21		0.25
# SAMP IN STATISTICS			12	12	8	12	12	12	12	12	7	12
% SAMP (EXCLUDED)					20						30	

(CONTD)

STORET CODE: 02
003
0150

DISTANCE: 164.470

[illegible]

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: 1ST.CONC.ROAD DNSTR.OF BELLWOOD LAKE
 STATION TYPE: RIVER FLOW GAUGE FED 02GA016

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STATION ID: 16-0184-037-02

STORET CODE: 02
 003
 0150

LAT: 43 43 30.06 LONG: 080 20 38.98 U T M: 17 0552825.0 4841325.0 4 REGION: 02 DISTANCE: 222.566

*INTERIM TEST-NAME:		FWSADP	FGPROJ	CLIDUR	COD	COND25	DO	DOC CARBON	FCMF	FSMF	FWFLOW
				CHLORIDE	CHEM. OX	CONDUCT.	DISOLVED	DISOLVED	COLIFORM	STREPCUS	STREAM
SAMPLE DATE	HOUR	SAMPLE	PROJECT	UNF.REAC	DEMAND	25C	OXYGEN	ORGANIC	MF	MF	FLOW
YYMMDD	LMT	NUMBER	SUB-PROJ CODE	MG/L	MG/L	UMHO/CM	MG/L	MG/L	CNT	CNT	M3
				AS CL	AS O	AT 25 C	AS O	AS C	/100ML	/100ML	/S
820113	1215	49020	0101	10.50	17	520	10.80	8.0	20<=>	20<=>	5.240
820223	1208	49061	0101	9.05	14	520	12.80	9.0	40<=>	10<	1.940
820310	1215	49102	0101	9.10	14	535.0	13.00	9.2	10<	10<	1.680
820331	1300	49996	0101	9.25	24	405		7.8			19.400
820428	1135	49143	0101	5.20	20	306.0	8.20	6.2	10<	10<	4.920
820521	1202	49184	0101	6.05	26	324.0	13.90	6.7	10<	10<=>	3.760
820617	1224	49225	0101	6.50	28	345.0	12.20	10.5	8	8	3.730
820707	1215	49266	0101	8.00	30	391.0	9.90	12.0	30<=>	30<=>	4.050
820824	1237	49307	0101	7.25	28	336.0	9.40	7.5	210	270	6.510
820915	1220	49348	0101	7.85	26	348.0	10.20	7.5	110	140	4.940
821027	1218	49389	0101	9.50	22.8	392.0	12.00	8.3	20<=>	10<=>	2.870
821109	1217	49430	0101	10.50	19.5	420.0	12.30	9.1	130	20<=>	3.320
821202	1216	49471	0101	10.00	33.2	455.0	12.40	8.6	10<=>	70<=>	32.400
MAXIMUM		0.30		10.50	33.2	535.0	13.90	12.0	210	270	32.400
ARITH MEAN		0.30		8.37	23	407	11.42	8.5	64	64	7.289
GEOM MEAN				8.19	22	401	11.30	8.4			4.892
MINIMUM		0.30		5.20	14	306.0	8.20	6.2	8	8	1.680
STD DEV (GEOM *)				1.72	6	79	1.70	1.5			8.776
# SAMP IN STATISTICS		13		13	13	13	12	13	9	9	13
% SAMP (EXCLUDED)									25	25	

*INTERIM TEST-NAME:		FWSTRC	FWTEMP	NNHTFR	NNOTFR	NNO2FR	NNO3FR	NNTKUR	PH	PP04FR	PPUT
				NH3-N				K'DAHL N			
				TOTAL				TOTAL			
SAMPLE DATE	HOUR	SAMPLE	STREAM	FIL.REAC	FIL.REAC	FIL.REAC	FIL.REAC	FIL.TOT.		FIL.REAC	PHOSPHOR
YYMMDD	LMT	NUMBER	COND.	MG/L	MG/L	MG/L	MG/L	MG/L	PH	MG/L	UNF.TOT.
				AS N	AS N	AS N	AS N	AS N		AS P	AS P
820113	1215	49020	8 6	0.096	1.050	0.035	1.020	0.60	8.05	0.005	0.015
820223	1208	49061	8	0.200	0.950	0.0400	0.910	0.58	8.03	0.0070	0.030
820310	1215	49102	8	0.006	1.250	0.009	1.250	0.73	8.17	0.0110	0.083
820331	1300	49996	3	0.052	1.050	0.0710	0.980	0.80	7.94	0.0350	0.110
820428	1135	49143	8	0.002<T	0.810	0.0050	0.805	0.53	8.14	0.0200	0.043
820521	1202	49184	8 6	0.004<T	0.705	0.0040	0.700	0.66	8.38	0.0030	0.026
820617	1224	49225	8 6	0.014	0.700	0.0040	0.695	0.65	8.07	0.0080	0.068
820707	1215	49266	8 6	0.002<T	0.705	0.0020	0.705	0.75	7.95	0.0030	0.033
820824	1237	49307	8 6	0.008	0.235	0.0020	0.235	0.65	8.09	0.0060	0.050
820915	1220	49348	8 6	0.040	0.020	0.0030	0.017	0.58	8.27	0.0160	0.024
821027	1218	49389	8 6	0.006	0.330	0.0150	0.315	0.67	8.43	0.0060	0.023

(C O N T D)

B.O.W./ SITE: GRAND RIVER

SAMPLE POINT: 1ST.CONC.ROAD DNSTR.OF BELLWOOD LAKE

STATION TYPE: RIVER FLOW GAUGE FED 02GA016

STATION ID: 16-0184-037-02

MAJOR BASIN: GREAT LAKES

MINOR BASIN: LAKE ERIE

TERM STREAM: GRAND RIVER

STORET CODE: 02

003

0150

LAT: 43 43 30.06 LONG: 080 20 38.98

U T M: 17 0552825.0 4841325.0 4

REGION: 02

DISTANCE: 222.566

*=INTERIM TEST-NAME:		FWSTRC	FWTEMP	NNHTFR NH3-N TOTAL	NNOTFR NO2+NO3N FIL.REAC	NNO2FR NO2-N FIL.REAC	NNO3FR NO3-N FIL.REAC	NNTKUR K'DAHL N TOTAL	PH	PP04FR P04 FIL.REAC	PPUT PHOSPHOR UNF.TOT.	
SAMPLE DATE	HOUR LMT	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.TOT. MG/L AS N	PH	MG/L AS P	MG/L AS P	
821109	1217	49430	8 6	7.0	0.136	0.660	0.0435	0.617	0.730	8.22	0.0080	0.028
821202	1216	49471	8 6	4.5	0.004<T	1.300	0.0025	1.300	0.680	8.48	0.0140	0.041
MAXIMUM				20.0	0.200	1.300	0.0710	1.300	0.80	8.48	0.0350	0.110
ARITH MEAN				9.4	0.044<A	0.751	0.018	0.735	0.66	8.17	0.011	0.044
GEOM MEAN					0.015<A	0.557	0.009	0.538	0.66	8.17	0.009	0.038
MINIMUM				0.0	0.002	0.020	0.0020	0.017	0.53	7.94	0.0030	0.015
STD DEV (GEOM *)					0.063<A	0.384	0.022	0.379	0.08	0.18	0.009	0.028
# SAMP IN STATISTICS				12	13	13	13	13	13	13	13	13
% SAMP (EXCLUDED)												

*=INTERIM TEST-NAME:		RSF	RSP	TCMF COLIFORM TOTAL	TCMFBK COLIFORM TOTAL MF	TURB	
SAMPLE DATE	HOUR LMT	SAMPLE NUMBER	RESIDUE FILTERED MG/L	RESIDUE PARTIC. MG/L	MF CNT /100ML	BCKGRD CNT /100ML	TURB'ITY FTU
820113	1215	49020	320	2.2	1000	2200	3.20
820223	1208	49061	317	20.0	250	760	3.10
820310	1215	49102	308	7.3	190	1950	6.10
820331	1300	49996	260	27.6			9.70
820428	1135	49143	199.0	4.840	100	330	7.50
820521	1202	49184	211.0	2.070	140	1800	3.50
820617	1224	49225	224.0	9.350	680<=>	8000	7.50
820707	1215	49266	254.0	8.950	1500	7600	7.70
820824	1237	49307	218.0	23.600	460<=>	16000	9.20
820915	1220	49348	226.0	5.190	230<=>	5000	3.70
821027	1218	49389	249.0	5.000	120<=>	420	1.52
821109	1217	49430	270.0	4.670	340	5400	2.40
821202	1216	49471	300.0	4.620	60<=>	1480	2.80
MAXIMUM			320	27.6	1500	16000	9.70
ARITH MEAN			258	9.6	422	4245	5.22
GEOM MEAN			255	7.0	274	2371	4.50
MINIMUM			199.0	2.070	60	330	1.52
STD DEV (GEOM *)			42	8.5	3*	3*	2.81
# SAMP IN STATISTICS			13	13	12	12	13
% SAMP (EXCLUDED)							

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

[illegible]

*=INTERIM	TEST-NAME:	FWSTRC	FWTEMP	NNIITFR NH3-N TOTAL	NNOTFR NO2+NO3N FIL.REAC	NNO2FR NO2-N FIL.REAC	NNO3FR NO3-N FIL.REAC	NNTKUR K'DAHL N TOTAL	PBUT LEAD UNF.TOT.	PH	PP04FR P04 FIL.REAC	
SAMPLE DATE	HRUR HMT	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.TOT. MG/L AS N	UNF.TOT. MG/L AS PB	PH	FIL.REAC MG/L AS P
YYHHDD												
820120	1225	49030	4	0.5	0.132	0.460	0.040	0.440	0.78	0.006	7.58	0.150
820209	1320	49071	4	0.0	0.298	0.650	0.017	0.635	1.02	0.003<	8.29	0.018
820324	1250	49112	3	1.0	0.018	1.550	0.003	1.550	0.78	0.003	7.51	0.020
820414	1240	49153	8	4.0	0.004<T	0.450	0.0120	0.440	0.68	0.003<	8.15	0.0110
820520	1230	49194	8 6	18.0	0.020	0.340	0.0850	0.255	0.78	0.006	8.41	0.0030
820624	1252	49235	9	16.5	0.006	0.260	0.0025	0.255	0.80	0.004	8.50	0.0060
820715	1220	49276	9 7	24.5	0.038	0.060	0.0555	0.005	0.85	0.003<	8.43	0.0020<T
820831	1232	49317	9	17.0	0.004<T	0.130	0.0855	0.044	0.84	0.003<	8.32	0.0040
820923	1245	49358	9	14.2	0.002<T	0.145	0.0820	0.063	0.70	0.003<	8.33	
821014	1258	49399	9	5.0	0.008	0.115	0.0460	0.069	0.66	0.005	8.38	0.0050
821125	1245	49440	9	1.0	0.006	1.400	0.0285	1.370	0.800	0.004	8.30	0.0090
821208	1255	49481	9	1.0	0.002<T	1.200	0.0025	1.200	0.680	0.003<	8.01	0.0085

(C O N T D)

STORET CODE: 02
003
0150

DISTANCE: 248.154

[illegible]

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: OLD HIGHWAY NO 8 FREEPORT
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STATION ID: 16-0184-041-02

STORET CODE: 02
 003
 0150

LAT: 43 25 18.16 LONG: 080 24 38.72

U T M: 17 0547700.0 4807600.0 4

REGION: 02

DISTANCE: 162.539

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	CLIDUR	COD	COND25	DO	DOC	FCMF	FSMF	FWSTRC
								CARBON	FECAL	FECAL	
								DISOLVED	COLIFORM	STREPCUS	
								ORGANIC	MF	MF	
								MG/L	CNT	CNT	
								AS C	/100ML	/100ML	
SAMPLE		SAMPLE	PROJECT	CHLORIDE	CHEM. OX	CONDUCT.	DISOLVED				
DATE	HR	NUMBER	SUB-PROJ	UNF. REAC	DEMAND	25C	OXYGEN				
YYMMDD	LMT		CODE	MG/L	MG/L	UMHO/CM	MG/L				STREAM
				AS CL	AS O	AT 25 C	AS O				COND.
820106	0910	49031	0101	40.50	15.74	620	13.00	6.8	600	1180	8 6
820217	1025	49072	0101	139.00	28	1040	11.00	5.4	40<=>	50<=>	4
820302	0910	49113	0101	58.00	18	900	13.10	5.0	10<=>	10<=>	4
820429	0915	49154	0101	27.60	12	548.0	12.00	5.1	10<=>	10<=>	8
820511	0912	49195	0101	29.40	23	508.0	11.20	5.0	10<	10<	9
820609	0906	49236	0101	36.80	18	593.0	10.30	5.9	70<=>	50<=>	9
820708	0910	49277	0101	37.10	22	548.0	7.20	5.9	80<=>	70<=>	9
820812	0930	49318	0101	26.80	14	487.0	8.80	7.0	100	310	9
820922	0905	49359	0101	26.20	7.7	495.0	9.60	5.7	270	80<=>	9
821007	0912	49400	0101	27.80	20.4	510.0	9.00	5.8	70<=>	40<=>	9
821123	0915	49441	0101	20.00	27.6	559.0	11.10	6.7	790	1290	9
821215	0910	49482	0101	15.60	27.1	499.0	13.50	6.1	120	40<=>	9
MAXIMUM		0.30		139.00	28	1040	13.50	7.0	790	1290	
ARITH MEAN		0.30		40.40	19	609	10.82	5.9	196	285	
GEOM MEAN				33.77	18	591	10.65	5.8			
MINIMUM		0.30		15.60	7.7	487.0	7.20	5.0	10	10	
STD DEV (GEOM *)				32.91	6	176	1.93	0.7			
# SAMP IN STATISTICS		12		12	12	12	12	12	11	11	
% SAMP (EXCLUDED)									8	8	

*=INTERIM TEST-NAME:		FWTEMP	NNHTFR	NNOTFR	NNO2FR	NNO3FR	NNTKUR	PH	PP04FR	PPUT	RSF
			NH3-N				K'DAHL N				
			TOTAL	NO2+NO3N	NO2-N	NO3-N	TOTAL		P04	PHOSPHOR	
			FIL. REAC	FIL. REAC	FIL. REAC	FIL. REAC	FIL. TOT.		FIL. REAC	UNF. TOT.	RESIDUE
			MG/L	MG/L	MG/L	MG/L	MG/L		MG/L	MG/L	FILTERED
			AS N	AS N	AS N	AS N	AS N		AS P	AS P	MG/L
SAMPLE		WATER						PH			
DATE	HR	TEMP									
YYMMDD	LMT	DEG.C									
820106	0910	49031	0.0	0.228	3.650	0.350	3.300	1.22	8.14	0.130	413
820217	1025	49072	0.0	0.020	4.200	0.022	4.180	0.63	7.93	0.043	625
820302	0910	49113	0.0	0.980	4.100	0.075	4.020	1.54	7.96	0.060	514.0
820429	0915	49154	10.8	0.002<W	3.000	0.0050	2.995	0.65	8.31	0.0180	344.0
820511	0912	49195	13.0	0.020	1.900	0.0660	1.830	0.55	8.18	0.0080	324.0
820609	0906	49236	16.5	0.004<T	3.350	0.0340	3.315	0.75	8.32	0.0090	388.0
820708	0910	49277	22.5	0.032	1.300	0.0420	1.260	0.83	8.10	0.2250	375.0
820812	0930	49318	17.5	0.006	1.100	0.0240	1.080	0.68	8.31	0.0180	309.0
820922	0905	49359	14.0	0.008	1.650	0.0570	1.590	0.80	8.15	0.0470	0.055
821007	0912	49400	15.8	0.004<T	1.400	0.0520	1.350	0.80	8.15	0.0195	316.0
821123	0915	49441	6.2	0.004<T	4.720	0.0050	4.720	1.070	8.06	0.0670	470.0
821215	0910	49482	3.5	0.004<T	3.200	0.0020	3.200	0.550	8.63	0.0450	379.0

(C O N T D)

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: OLD HIGHWAY NO 8 FREEPORT
 STATION TYPE: RIVER

STATION ID: 16-0184-041-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 43 25 18.16 LONG: 080 24 38.72

U T M: 17 0547700.0 4807600.0 4

REGION: 02

DISTANCE: 162.539

*=INTERIM TEST-NAME:		FWTEMP	NNHTFR NH3-N TOTAL	NNOTFR NO2+NO3N FIL.REAC	NNO2FR NO2-N FIL.REAC	NNO3FR NO3-N FIL.REAC	NNTKUR K'DAHL N TOTAL FIL.TOT.	PH	PP04FR P04 FIL.REAC	PPUT PHOSPHOR UNF.TOT.	RSF RESIDUE FILTERED	
DATE	HOUR	WATER TEMP DEG.C	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.TOT. MG/L AS N	PH	AS P	AS P	MG/L	
YYMMDD	LMT	SAMPLE NUMBER										
		MAXIMUM	22.5	0.980	4.720	0.350	4.720	1.54	8.63	0.2250	0.373	625
		ARITH MEAN	10.0	0.109<A	2.797	0.061	2.737	0.84	8.19	0.057	0.099	405
		GEOM MEAN		0.014<A	2.501	0.028	2.440	0.80	8.18	0.036	0.075	396
		MINIMUM	0.0	0.002	1.100	0.0020	1.080	0.55	7.93	0.0080	0.023	309.0
		STD DEV (GEOM *)		0.281<A	1.272	0.094	1.264	0.30	0.19	0.063	0.094	97
		# SAMP IN STATISTICS	12	12	12	12	12	12	12	12	12	11
		% SAMP (EXCLUDED)										

*=INTERIM TEST-NAME:		RSP	TCMF COLIFORM TOTAL MF CNT	TCMFBK COLIFORM TOTAL MF BCKGRD CNT	TURB TURB'ITY FTU	
DATE	HOUR	RESIDUE PARTIC. MG/L	/100ML	/100ML		
YYMMDD	LMT	SAMPLE NUMBER				
820106	0910	49031	7.2	4000<=>	43000	6.50
820217	1025	49072	7.2	440	1900	3.10
820302	0910	49113	1.400	3000	7700	0.98
820429	0915	49154	8.940	130<=>	3400	7.30
820511	0912	49195	3.120	340<=>	5500	5.30
820609	0906	49236	6.250	370<=>	8600	0.92
820708	0910	49277	6.720	360<=>	24000>	2.30
820812	0930	49318	13.400	370<=>	10000	4.80
820922	0905	49359		1300<=>	16000	3.80
821007	0912	49400	15.700	580<=>	13600	2.30
821123	0915	49441	25.500	7900	13900	12.90
821215	0910	49482	13.500	1120<=>	9200	9.20
		MAXIMUM	25.500	7900	43000	12.90
		ARITH MEAN	9.9	1659	12073	4.95
		GEOM MEAN	7.8	807		3.76
		MINIMUM	1.400	130	1900	0.92
		STD DEV (GEOM *)	6.8	3*		3.57
		# SAMP IN STATISTICS	11	12	11	12
		% SAMP (EXCLUDED)			8	

STORET CODE: 02
003
0150

DISTANCE: 180.081

*INTERIM		TEST-NAME:	FWTEMP	NNHTFR NH3-N TOTAL	NNOTFR NO2+NO3N FIL.REAC	NN02FR NO2-N FIL.REAC	NN03FR NO3-N FIL.REAC	NNTKUR K'DAHL N TOTAL FIL.TOT.	PH	PP04FR P04 FIL.REAC	PPUT PHOSPHOR UNF.TOT.	RSF RESIDUE FILTERED
SAMPLE DATE	HOUR YYMMDD	SAMPLE NUMBER	WATER TEMP DEG.C	MG/L AS N	MG/L AS N	MG/L AS N	MG/L AS N	MG/L AS N		MG/L AS P	MG/L AS P	MG/L
820113	1040	49016	0.0	0.104	1.900	0.028	1.870	0.68	8.23	0.003	0.015	351
820223	1035	49057	2.0	0.130	1.900	0.0390	1.860	0.75	8.38	0.0040	0.019	400
820310	1050	49098	2.0	0.038	2.000	0.200	1.800	0.65	8.07	0.0040	0.062	365
820331	1404	49999		0.042	1.850	0.0760	1.775	1.13	7.86	0.0540	0.180	228
820428	1020	49139	8.5	0.002<W	1.650	0.0040	1.645	0.56	8.17	0.0140	0.037	252.0
820521	1040	49180	12.5	0.004<T	1.350	0.0140	1.335	0.58	8.33	0.0050	0.020	257.0
820617	1050	49221	17.0	0.018	1.000	0.0105	0.990	0.60	8.32	0.0535		297.0
820707	1045	49262	20.0	0.014	0.785	0.0620	0.625	0.56	8.21	0.0020<T	0.015	283.0
820824	1040	49303	17.2	0.006	0.385	0.0020	0.385	0.62	8.16	0.2550	0.425	266.0
820915	1037	49344	14.2	0.098	0.130	0.0180	0.112	0.68	8.26	0.0200	0.021	257.0
821027	1042	49385	8.5	0.006	0.665	0.0075	0.658	0.76	8.40	0.0110	0.034	290.0

(C O N T D)

B.O.W./ SITE: SPEED RIVER
 SAMPLE POINT: AT WOODLAWN ROAD, GUELPH UL-2
 STATION TYPE: RIVER

STATION ID: 16-0184-043-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 43 34 11.09 LONG: 080 16 14.68 U T M: 17 0558890.0.4824130.0 4 REGION: 02 DISTANCE: 180.081

*=INTERIM TEST-NAME:			FWTEMP	NNHTFR NH3-N TOTAL	NNOTFR NO2+NO3N	NNO2FR NO2-N	NNO3FR NO3-N	NNTKUR K'DAHL N TOTAL	PH	PP04FR P04 FIL.REAC	PPUT PHOSPHOR UNF.TOT.	RSF RESIDUE FILTERED
SAMPLE DATE	HR	SAMPLE NUMBER	WATER TEMP DEG.C	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.TOT. MG/L AS N	PH	MG/L AS P	MG/L AS P	MG/L
821109	1046	49426	6.5	0.026	1.050	0.0695	0.980	0.650	8.30	0.0010<T	0.027	318.0
821202	1044	49467	4.0	0.004<T	2.050	0.0015	2.050	0.500	8.51	0.0080	0.087	337.0
MAXIMUM			20.0	0.130	2.050	0.200	2.050	1.13	8.51	0.2550	0.425	400
ARITH MEAN			9.4	0.038<A	1.286	0.041	1.237	0.67	8.25	0.033 <A	0.078	300
GEOM MEAN				0.018<A	1.040	0.018	0.989	0.66	8.24	0.010 <A	0.041	296
MINIMUM			0.0	0.002	0.130	0.0015	0.112	0.500	7.86	0.0010	0.015	228
STD DEV (GEOM *)				0.044<A	0.660	0.055	0.649	0.16	0.16	0.069 <A	0.119	51
# SAMP IN STATISTICS			12	13	13	13	13	13	13	13	12	13
% SAMP (EXCLUDED)												

*=INTERIM TEST-NAME:			RSP	TCMF COLIFORM TOTAL	TCMFBK COLIFORM TOTAL MF	TURB
SAMPLE DATE	HR	SAMPLE NUMBER	RESIDUE PARTIC. MG/L	MF CNT /100ML	BCKGRD CNT /100ML	TURB'ITY FTU
820113	1040	49016	4.4	160	2500	3.20
820223	1035	49057	1.4	120	480	2.10
820310	1050	49098	2.6	10<=>	190	2.00
820331	1404	49999	51.6			25.00
820428	1020	49139	4.310	120	310	4.50
820521	1040	49180	1.980	190<=>	6500	2.30
820617	1050	49221	3.500	180<=>	4900	1.69
820707	1045	49262	1.92	290<=>	5200	1.64
820824	1040	49303	4.100	1000	28000	1.88
820915	1037	49344	2.880	1700	6300	2.30
821027	1042	49385	5.210	740	1460	2.40
821109	1046	49426	6.040	1100	6500	5.40
821202	1044	49467	5.430	1020	4700	3.60
MAXIMUM			51.6	1700	28000	25.00
ARITH MEAN			7.3	552	5587	4.46
GEOM MEAN			4.1	288	2592	3.05
MINIMUM			1.4	10	190	1.64
STD DEV (GEOM *)			13.4	4*	4*	6.28
# SAMP IN STATISTICS			13	12	12	13
% SAMP (EXCLUDED)						

B.O.W./ SITE: FAIRCHILD CREEK

SAMPLE POINT: FIRST CONC DOWNSTREAM FROM ST GEORGE

STATION TYPE: RIVER FLOW GAUGE FED 02GB007

MAJOR BASIN: GREAT LAKES

MINOR BASIN: LAKE ERIE

TERM STREAM: GRAND RIVER

STATION ID: 16-0184-044-02

STORET CODE: 02

003

0150

LAT: 43 13 50.62 LONG: 080 14 35.79

U T M: 17 0561450.0 4786500.0 4

REGION: 02

DISTANCE: 107.501

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	BOD5	CLIDUR	COND25	CUUT	DO	FCMF	FSMF
					BOD					FECAL	FECAL
				ALK	5 DAY	CHLORIDE	CONDUCT.	COPPER	DISOLVED	COLIFORM	STREPCUS
				TOTAL	TOT.DEM.	UNF.REAC	25C	UNF.TOT.	OXYGEN	MF	MF
SAMPLE		SAMPLE	PROJECT	MG/L	MG/L	MG/L	UMHO/CM	MG/L	MG/L	CNT	CNT
DATE	HOUR	DEPTH	SUB-PROJ	AS CAC03	AS O	AS CL	AT 25 C	AS CU	AS O	/100ML	/100ML
YYMMDD	LMT	NUMBER	CODE								
820107	0940	49000	0101	218		22.00	600	0.009	13.00	390	12300
820204	0925	49041	0101	275	1.8	21.50	720	0.011	14.20	1040	1100
820323	0855	49082	0101	127	2.0	14.50	345	0.004	13.90	360	2380
820405	1545	49123	0101	188	0.2 <T	20.00	490	0.009	10.90	60<=>	180<=>
820518	0910	49164	0101	239.5	0.64	22.00	619.0	0.033	9.00	510	110
820608	0906	49205	0101	267.1	1.24	23.40	642.0	0.007	8.90	1000	1500>
820713	0935	49246	0101	243.3	0.55	24.00	619.0	0.009	8.20	1180	200
820818	0943	49287	0101	221.2	0.92	23.00	582.0	0.006	8.80	680	840
820929	0915	49328	0101	250.1	0.47	23.70	647.0	0.003	10.80	1560	1880
821026	0910	49369	0101	263.2	0.69	25.50	686.0	0.008	10.80	140<=>	900
821122	0920	49410	0101	226.4	2.44	23.50	580.0	0.020	11.20	2860	2580
821214	0900	49451	0101	300.9	0.46	24.80	745.0	0.012	14.20	80<=>	740
MAXIMUM		0.30		300.9	2.44	25.50	745.0	0.033	14.20	2860	12300
ARITH MEAN		0.30		235	1.0 <A	22.32	606	0.011	11.16	822	2110
GEOM MEAN				230	0.8 <A	22.12	596	0.009	10.96	487	
MINIMUM		0.30		127	0.2	14.50	345	0.003	8.20	60	110
STD DEV (GEOM *)				45	0.7 <A	2.88	107	0.008	2.21	3*	
# SAMP IN STATISTICS		12		12	11	12	12	12	12	12	11
% SAMP (EXCLUDED)											8

*=INTERIM TEST-NAME:		FWFLOW	FWSTRC	FWTEMP	NNHTFR	NNOTFR	NN02FR	NN03FR	NNTKUR	PBUT	PH
					NH3-N				K'DAHL N		
					TOTAL	NO2+NO3N	NO2-N	NO3-N	TOTAL	LEAD-	
					FIL.REAC	FIL.REAC	FIL.REAC	FIL.REAC	FIL.TOT.	UNF.TOT.	
SAMPLE		STREAM		WATER	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	
DATE	HOUR	FLOW	STREAM	TEMP	AS N	AS N	AS N	AS N	AS N	AS PB	PH
YYMMDD	LMT	M3 /S	COND.	DEG.C							
820107	0940	49000	8 6	0.0	0.296	2.800	0.057	2.740	0.88	0.006	7.89
820204	0925	49041	8	0.0	0.010	3.150	0.120	3.030	0.38	0.003<	8.54
820323	0855	49082	3	1.8	0.620	1.400	0.040	1.360	1.45	0.003<	7.56
820405	1545	49123	3	2.2	0.006	2.400	0.0020	2.400	0.68	0.003<	8.53
820518	0910	49164	8 6	16.5	0.002<T	1.800	0.0010<T	1.800	0.45	0.003<	8.03
820608	0906	49205	6 8	14.5	0.004<T	3.400	0.0150	3.385	0.12	0.003<	8.18
820713	0935	49246	7	19.0	0.004<T	2.250	0.0630	2.185	0.14	0.006	8.15
820818	0943	49287	7	17.2	0.004<T	2.150	0.0230	2.130	0.50	0.004	8.25
820929	0915	49328	7	14.2	0.004<T	2.730	0.0055	2.720	0.80	0.003<	8.23
821026	0910	49369	8 6	7.0	0.028	1.850	0.0055	1.840	0.55	0.003<	8.58
821122	0920	49410	8 6	7.0	0.004<T	2.850	0.0010<T	2.850	0.940	0.007	8.12
821214	0900	49451	8 6	1.0	0.008	3.700	0.0010<T	3.700	0.510	0.009	8.30

(CONT D)

B.O.W./ SITE: FAIRCHILD CREEK

SAMPLE POINT: FIRST CONC DOWNSTREAM FROM ST GEORGE

STATION TYPE: RIVER FLOW GAUGE FED 02GB007

MAJOR BASIN: GREAT LAKES

MINOR BASIN: LAKE ERIE

TERM STREAM: GRAND RIVER

STATION ID: 16-0184-044-02

STORET CODE: 02

003

0150

LAT: 43 13 50.62 LONG: 080 14 35.79

U T M: 17 0561450.0 4786500.0 4

REGION: 02

DISTANCE: 107.501

*=INTERIM TEST-NAME:		FWFLOW	FWSTRC	FWTEMP	NNHTFR NH3-N TOTAL	NNOTFR NO2+NO3N FIL.REAC	NNO2FR NO2-N FIL.REAC	NNO3FR NO3-N FIL.REAC	NNTKUR K'DAHL N TOTAL	PBUT LEAD UNF.TOT.	PH
SAMPLE DATE YYMMDD	TIME HOUR LMT	SAMPLE NUMBER	STREAM FLOW M3 /S	WATER TEMP DEG.C	MG/L AS N	MG/L AS N	MG/L AS N	MG/L AS N	MG/L AS N	MG/L AS PB	PH
MAXIMUM		20.300		19.0	0.620	3.700	0.120	3.700	1.45	0.009	8.58
ARITH MEAN		6.209		8.4	0.082<A	2.540	0.028 <A	2.512	0.62	0.006	8.20
GEOM MEAN		2.998			0.011<A	2.450	0.009 <A	2.421	0.50		8.19
MINIMUM		0.464		0.0	0.002	1.400	0.0010	1.360	0.12	0.004	7.56
STD DEV (GEOM *)		6.921			0.189<A	0.690	0.037 <A	0.688	0.37		0.29
# SAMP IN STATISTICS		12		12	12	12	12	12	12	5	12
% SAMP (EXCLUDED)										58	

*=INTERIM TEST-NAME:		PP04FR	PPUT	RSF	RSP	TCMF COLIFORM TOTAL	TCMFBK COLIFORM TOTAL MF	TURB	ZNUT ZINC UNF.TOT.	
SAMPLE DATE YYMMDD	TIME HOUR LMT	SAMPLE NUMBER	P04 FIL.REAC MG/L AS P	PHOSPHOR UNF.TOT. MG/L AS P	RESIDUE FILTERED MG/L	RESIDUE PARTIC. MG/L	MF CNT /100ML	BCKGRD CNT /100ML	TURB'ITY FTU	MG/L AS ZN
820107	0940	49000	0.057	0.112	377	11.2	6800<=>	30000>	6.80	0.007
820204	0925	49041	0.040	0.086	492	23.0	5900	13700	9.90	0.011
820323	0855	49082	0.130	0.252	224	52.2	2100	19000	50.00	0.010
820405	1545	49123	0.0445	0.160	332.0	74.400	2800	6700	43.00	0.003<
820518	0910	49164	0.0320	0.083	391.0	31.600	2500<=>	36000	21.00	0.015
820608	0906	49205	0.0970	0.011	457.0	35.100	6100<=>	44000	19.40	0.008
820713	0935	49246	0.0680	0.088	403.0	12.600	106000<=>	1400000	9.60	0.005
820818	0943	49287	0.0600	0.087	390.0	11.900	53000<=>	2400000>	8.80	0.004
820929	0915	49328	0.0945	0.150	485.0	31.300	6300<=>	50000	15.20	0.012
821026	0910	49369	0.3250	0.370	461.0	5.880	5400<=>	160000	3.70	0.008
821122	0920	49410	0.0010<T	0.167	530.0	48.400	126000	79000	36.00	0.019
821214	0900	49451	0.0870	0.126	525.0	15.500	1400	9700	9.30	0.011
MAXIMUM		0.3250	0.370	530.0	74.400	126000	1400000	50.00	0.019	
ARITH MEAN		0.086 <A	0.141	422	29.4	27025	181810	19.39	0.010	
GEOM MEAN		0.053 <A	0.110	412	23.1	8388		14.60		
MINIMUM		0.0010	0.011	224	5.880	1400	6700	3.70	0.004	
STD DEV (GEOM *)		0.083 <A	0.093	88	20.6	5*		15.36		
# SAMP IN STATISTICS		12	12	12	12	12	10	12	11	
% SAMP (EXCLUDED)							16		8	

B.O.W./ SITE: NITH RIVER
 SAMPLE POINT: FIRST CONC DOWNSTREAM FROM WELLESLEY
 STATION TYPE: RIVER

STATION ID: 16-0184-045-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 43 27 20.88 LONG: 080 44 23.35

U T M: 17 0521050.0 4811250.0 4

REGION: 02

DISTANCE: 230.935

*INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	BOD5	CLIDUR	COND25	CUUT	DO	FCMF	FSMF	
					BOD					FECAL	FECAL	
				ALK	5 DAY	CHLORIDE	CONDUCT.	COPPER	DISOLVED	COLIFORM	STREPCUS	
				TOTAL	TOT.DEM.	UNF.REAC	25C	UNF.TOT.	OXYGEN	MF	MF	
SAMPLE	DATE	DATE	DEPTH	PROJECT	MG/L	MG/L	UMHO/CM	MG/L	MG/L	CNT	CNT	
YYMMDD	HOUR	NUMBER	M	SUB-PROJ	AS CAC03	AS O	AT 25 C	AS CU	AS O	/100ML	/100ML	
820106	1012	49034	0.30	0101	212	2.6	21.50	530	0.007	10.90	3600	5700
820217	1155	49075	0.30	0101	275	1.2	27.50	675	0.002	11.10	470	200
820302	1030	49116	0.30	0101	289	3.8	24.00	750	0.008	12.10	2100	340
820429	1027	49157	0.30	0101	222.3	0.68	1.05	538.0	0.003	10.30	110	60<=>
820511	1028	49198	0.30	0101	216.3	0.53	17.70	518.0	0.010	11.40	10<	210
820609	1023	49239	0.30	0101	243.5	1.00	28.40	619.0	0.008	9.50	480	40<=>
820708	1030	49280	0.30	0101	225.7	1.16	19.30	523.0	0.018	7.40	120<=>	40<=>
820812	1030	49321	0.30	0101	267.9	1.04	20.00	571.0	0.006	8.60	470	3900
820922	1050	49362	0.30	0101	243.4	0.97	26.40	575.0	0.011	10.40	270	590
821007	1045	49403	0.30	0101	286.7	1.08	18.60	618.0	0.008	9.40	590	290
821123	1050	49444	0.30	0101	220.3	1.51	14.00	520.0	0.015	10.65	710	1230
821215	1103	49485	0.30	0101	297.4		16.40	658.0	0.003	13.80	170	200
MAXIMUM		0.30			297.4	3.8	28.40	750	0.018	13.80	3600	5700
ARITH MEAN		0.30			250	1.4	19.57	591	0.008	10.46	826	1067
GEOM MEAN					248	1.2	16.20	587	0.007	10.34		323
MINIMUM		0.30			212	0.53	1.05	518.0	0.002	7.40	110	40
STD DEV (GEOM *)					32	1.0	7.38	74	0.005	1.66		5*
# SAMP IN STATISTICS		12			12	11	12	12	12	12	11	12
% SAMP (EXCLUDED)											8	

*INTERIM TEST-NAME:		FWSTRC	FWTEMP	NNHTFR	NNOTFR	NN02FR	NN03FR	NNTKUR	PBUT	PH	PP04FR
				NH3-N				K'DAHL N			
				TOTAL	N02+N03N	N02-N	N03-N	TOTAL	LEAD		P04
				FIL.REAC	FIL.REAC	FIL.REAC	FIL.REAC	FIL.TOT.	UNF.TOT.		FIL.REAC
SAMPLE	DATE	DATE	STREAM	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L		MG/L
YYMMDD	HOUR	NUMBER	COND.	AS N	AS N	AS N	AS N	AS N	AS PB	PH	AS P
820106	1012	49034	4	0.590	4.350	0.280	4.070	2.12	0.003<	7.79	0.270
820217	1155	49075	4	0.004	4.400	0.036	4.360	0.53	0.003<	7.84	0.097
820302	1030	49116	4	1.070	3.850	0.0880	3.760	1.83	0.003<	8.11	0.1000
820429	1027	49157	8	0.004<T	3.300	0.0020	3.300	0.80	0.003<	8.22	0.2500
820511	1028	49198	8	0.002<T	1.700	0.0320	1.670	0.66	0.003<	8.28	0.0160
820609	1023	49239	8	0.002<T	7.500	0.0650	7.440	0.98	0.003<	8.28	0.0530
820708	1030	49280	7 5	0.022	1.650	0.0075	1.65	0.75	0.003<	8.10	0.0410
820812	1030	49321	7 5	0.004<T	1.850	0.0015<T	1.850	0.85	0.003<	8.51	0.0555
820922	1050	49362	8 6	0.002<T	2.200	0.0290	2.170	0.82	0.004	8.26	0.0500
821007	1045	49403	8 6	0.004<T	2.350	0.0150	2.340	0.65	0.003<	8.30	0.3150
821123	1050	49444	8 6	0.014	4.850	0.0280	4.820	1.000	0.003<	8.21	0.1300
821215	1103	49485	8 6	0.008	4.600	0.0015<T	4.600	0.510	0.005<	8.20	0.0570

(C O N T D)

B.O.W./ SITE: NITH RIVER
 SAMPLE POINT: FIRST CONC DOWNSTREAM FROM WELLESLEY
 STATION TYPE: RIVER

STATION ID: 16-0184-045-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 43 27 20.88 LONG: 080 44 23.35 U T M: 17 0521050.0 4811250.0 4 REGION: 02 DISTANCE: 230.935

*INTERIM TEST-NAME:		FWSTRC	FWTEMP	NNHTFR NH3-N TOTAL	NNOTFR	NNO2FR	NNO3FR	NNTKUR K'DAHL N TOTAL	PBUT	PH	PP04FR
SAMPLE		WATER	FIL.REAC	FIL.REAC	FIL.REAC	FIL.REAC	FIL.REAC	FIL.TOT.	LEAD		P04
DATE	HOUR	TEMP	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L		MG/L
YYMMDD	LMT	DEG.C	AS N	AS N	AS N	AS N	AS N	AS N	AS PB	PH	AS P
MAXIMUM		24.0	1.070	7.500	0.280	7.440	2.12	0.004	8.51	0.3150	
ARITH MEAN		10.3	0.144<A	3.550	0.049 <A	3.50	0.96	0.004	8.17	0.120	
GEOM MEAN			0.011<A	3.185	0.017 <A	3.15	0.87		8.17	0.085	
MINIMUM		0.0	0.002	1.650	0.0015	1.65	0.510	0.004	7.79	0.0160	
STD DEV (GEOM *)			0.337<A	1.735	0.077 <A	1.71	0.50		0.20	0.101	
# SAMP IN STATISTICS		12	12	12	12	12	12	1	12	12	
% SAMP (EXCLUDED)								91			

*INTERIM TEST-NAME:		PPUT	RSF	RSP	TCMF COLIFORM TOTAL	TCMFBK COLIFORM TOTAL MF	TURB	ZNUT	
SAMPLE		PHOSPHOR	RESIDUE	RESIDUE	MF	BCKGRD		ZINC	
DATE	HOUR	UNF.TOT.	FILTERED	PARTIC.	CNT	CNT	TURB'ITY	UNF.TOT.	
YYMMDD	LMT	MG/L	MG/L	MG/L	/100ML	/100ML	FTU	MG/L	
		AS P						AS ZN	
820106	1012	49034	0.330	344	22.2	55000<=>	420000	15.50	0.010
820217	1155	49075	0.133	421	4.0	2100	1200	4.20	0.005
820302	1030	49116	0.170	422	4.7	2700	2600	4.50	0.005
820429	1027	49157	0.300	364.0	16.500	2400	12000	6.30	0.003
820511	1028	49198	0.037	318.0	5.790	230<=>	5300	6.20	0.001
820609	1023	49239	0.098	466.0	13.500	1700	24000	7.30	0.004
820708	1030	49280	0.113	347.0	15.100	640<=>	21600	14.80	0.006
820812	1030	49321	0.116	367.0	24.200	1900<=>	240000>	20.00	0.003
820922	1050	49362	0.079			2700	27000	4.50	0.002
821007	1045	49403	0.380	385.0	11.600	2500<=>	39000	9.50	0.003
821123	1050	49444	0.232	374.0	41.500	34000	96000	45.00	0.016
821215	1103	49485	0.081	419.0	10.800	700<=>	6000	8.00	0.005
MAXIMUM		0.380	466.0	41.500	55000	420000	45.00	0.016	
ARITH MEAN		0.172	384	15.4	8881	59518	12.15	0.005	
GEOM MEAN		0.141	382	12.4	2491		9.23	0.004	
MINIMUM		0.037	318.0	4.0	230	1200	4.20	0.001	
STD DEV (GEOM *)		0.112	43	10.9	5*		11.51	0.004	
# SAMP IN STATISTICS		12	11	11	12	11	12	12	
% SAMP (EXCLUDED)						8			

B.O.W./ SITE: CANAGAGIGUE CREEK
 SAMPLE POINT: FIRST CONCESSION NORTH OF ELMIRA
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 43 36 58.33 LONG: 080 33 37.30

U T M: 17 0535475.0 4829125.0 4

REGION: 02

DISTANCE: 207.922

*INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	BOD5	CAUR	CDUT	CLIDUR	COD	COND25	CRUT
				ALK	BOD	CALCIUM	CADMIUM	CHLORIDE	CHEM. OX	CONDUCT.	CHROMIUM
				TOTAL	5 DAY	UNF.REAC	UNF.TOT.	UNF.REAC	DEMAND	25C	UNF.TOT.
				MG/L	TOT.DEM.	MG/L	MG/L	MG/L	MG/L	UMHO/CM	MG/L
				AS CAC03	AS O	AS CA	AS CD	AS CL	AS O	AT 25 C	AS CR
SAMPLE		SAMPLE	PROJECT								
DATE	HOUR	DEPTH	SUB-PROJ								
YYMMDD	LMT	NUMBER	CODE								
820120	1012	49024	0101	291	1.8	95.0	0.0001<	24.00	14	710	0.005
820209	1018	49065	0101	272		80.0	0.0001<	18.50	8	655	0.004
820324	1004	49106	0101	170	3.2	54.0	0.0002<	21.00	18	483	0.009
820414	1020	49147	0101	152	1.2	48.0	0.0002	11.50	26	385	0.015
820520	1007	49188	0101	171.1	2.66	56.7	0.0002<	14.80	19	433.0	0.007
820624	1015	49229	0101	216.4	2.02	73.8	0.0002<	19.10	24	558.0	0.004
820715	1000	49270	0101	173.2	4.37	51.1	0.0002<	16.90	24	435.0	0.003
820831	0955	49311	0101	148.5	3.75	39.1	0.0002<	17.10	30	388.0	0.002
820923	0913	49352	0101	454.3	6.00	61.1	0.0002<	23.20	36	510.0	0.004
821014	1025	49393	0101	195.1	4.56	57.4	0.0002<	20.00	37.6	488.0	0.002
821125	1010	49434	0101	243.2	3.34	79.1	0.0002<	20.50		600.0	0.003
821208	1005	49475	0101	237.6	2.24	82.1	0.0002<	18.70	19.9	585.0	0.003
MAXIMUM		0.30		454.3	6.00	95.0	0.0002	24.00	37.6	710	0.015
ARITH MEAN		0.30		227	3.2	64.8	0.0002	18.77	23	519	0.005
GEOM MEAN				215	2.9	62.8		18.45	22	510	0.004
MINIMUM		0.30		148.5	1.2	39.1	0.0002	11.50	8	385	0.002
STD DEV (GEOM *)				85	1.4	16.8		3.46	9	104	0.004
# SAMP IN STATISTICS		12		12	11	12	1	12	11	12	12
% SAMP (EXCLUDED)							91				

*INTERIM TEST-NAME:		CUUT	DO	DOC	FCMF	FSMF	FWSTRC	FWTEMP	HARDT	HGUT	KKUR	
		COPPER	DISOLVED	CARBON	FECAL	FECAL			HARDNESS	MERCURY	POTASSIM	
		UNF.TOT.	OXYGEN	DISOLVED	COLIFORM	STREPCUS		WATER	TOTAL	UNF.TOT.	UNF.REAC	
		MG/L	MG/L	ORGANIC	MF	MF		TEMP	MG/L	UG/L	MG/L	
		AS CU	AS O	AS C	CNT	CNT	STREAM	DEG.C	AS CAC03	AS HG	AS K	
DATE	HOUR	SAMPLE					COND.					
YYMMDD	LMT	NUMBER			/100ML	/100ML						
820120	1012	49024	0.006	13.20	3.3	120	100	4	0.0	348	0.140	2.90
820209	1018	49065	0.005	12.60	2.1	1110	210	4	0.0	301	0.170	2.30
820324	1004	49106	0.008	14.20	5.7	160<=>	860	3	2.0	195	0.160	6.40
820414	1020	49147	0.011	11.80	4.3	180<=>	420	8	3.0	169	0.210	3.80
820520	1007	49188	0.010	8.50	4.3	1500	220	9	14.7	211.0	0.160	3.34
820624	1015	49229	0.010	9.60	5.5	1600	1080	9	16.5	265.0	0.14	4.00
820715	1000	49270	0.024	8.90	4.7	720	80<=>	5 7 9	21.0	203.0	0.160	2.96
820831	0955	49311	0.004	8.90	6.7	1340	680	7 9	16.0	169.0	0.05<	3.30
820923	0913	49352	0.005	9.10	5.8	3000>	3000>	7 9	15.0	233.0	0.04<T	4.96
821014	1025	49393	0.010	10.50	5.7	1600<=>	380	8 6	12.5	226.0	0.02<	4.24
821125	1010	49434	0.015	13.30	5.1	1440	2100	8 6	3.0	285.0	0.04<	4.10
821208	1005	49475	0.007	12.80	5.0	2120	2040	8 6	4.0	287.0	0.03<	4.08

(C O N T D)

B.O.W./ SITE: CANAGAGIGUE CREEK
 SAMPLE POINT: FIRST CONCESSION NORTH OF ELMIRA
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STATION ID: 16-0184-051-02

STORET CODE: 02
 003
 0150

LAT: 43 36 58.33 LONG: 080 33 37.30 U T M: 17 0535475.0 4829125.0 4 REGION: 02 DISTANCE: 207.922

*=INTERIM TEST-NAME:		CUUT	DO	DOC CARBON	FCMF FECAL COLIFORM	FSMF FECAL STREPCUS	FWSTRC	FWTEMP	HARDT	HGUT	KKUR
		COPPER UNF.TOT.	DISOLVED OXYGEN	DISOLVED ORGANIC	MF	MF		WATER TEMP	HARDNESS TOTAL	MERCURY UNF.TOT.	POTASSIM UNF.REAC
SAMPLE DATE	HR	MG/L	MG/L	MG/L	CNT	CNT	STREAM COND.	DEG.C	AS CAC03	AS HG	AS K
YYMMDD	LMT	NUMBER	AS CU	AS O	AS C	/100ML					
		MAXIMUM	0.024	14.20	6.7	2120		21.0	348	0.21	6.40
		ARITH MEAN	0.010	11.12	4.8	1081		9.0	241	0.15<A	3.86
		GEOM MEAN	0.008	10.94	4.7				235		3.74
		MINIMUM	0.004	8.50	2.1	120		0.0	169	0.04	2.30
		STD DEV (GEOM *)	0.006	2.08	1.2				56		1.07
		# SAMP IN STATISTICS	12	12	12	11	11	12	12	8	12
		% SAMP (EXCLUDED)				8	8			33	

*=INTERIM TEST-NAME:		MGUR	NAUR	NIUT	NNHTFR NH3-N TOTAL	NNOTFR	NN02FR	NN03FR	NNTKUR K'DAHL N TOTAL	PBUT	PH
		MAGNESIM FIL.REAC	SODIUM UNF.REAC	NICKEL UNF.TOT.	FIL.REAC	FIL.REAC	N02+N03N	N02-N	N03-N	FIL.REAC	LEAD UNF.TOT.
SAMPLE DATE	HR	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
YYMMDD	LMT	NUMBER	AS MG	AS NA	AS NI	AS N	AS N	AS N	AS N	AS N	AS PB
820120	1012	49024	27.00	12.0	0.003		6.250	0.215	6.030		0.010
820209	1018	49065	24.50	11.6	0.001<	0.420	5.500	0.089	5.410	0.95	0.003<
820324	1004	49106	14.50	9.3	0.004	0.012	6.900	0.003	6.900	1.32	0.003
820414	1020	49147	12.00	4.6	0.005	0.006	4.750	0.0730	4.675	0.95	0.003<
820520	1007	49188	16.90	6.45	0.001<	0.004<T	4.400	0.0060	4.395	1.55	0.003<
820624	1015	49229	19.70	7.65	0.001<	0.004<T	7.500	0.0020	7.500	1.00	0.003<
820715	1000	49270	18.20	7.75	0.001<	0.008	2.700	0.0170	2.680	0.93	0.003<
820831	0955	49311	17.30	8.30	0.001<	0.006	1.050	0.0035	1.050	1.23	0.003<
820923	0913	49352	19.50	11.40	0.001<	0.014	2.750	0.0230	2.730	1.45	0.003<
821014	1025	49393	20.10	10.30	0.001	0.004<T	2.050	0.0125	2.040	1.22	0.004
821125	1010	49434	21.30	8.20	0.001	0.006	6.750	0.0360	6.710	0.925	0.003<
821208	1005	49475	19.90	7.40	0.001	0.004<T	7.050	0.0360	7.010	1.050	0.003
		MAXIMUM	27.00	12.0	0.005	0.420	7.500	0.215	7.500	1.55	0.010
		ARITH MEAN	19.24	8.7	0.002	0.044<A	4.804	0.043	4.761	1.14	0.005
		GEOM MEAN	18.84	8.5		0.009<A	4.178	0.018	4.143	1.12	
		MINIMUM	12.00	4.6	0.001	0.004	1.050	0.0020	1.050	0.925	0.003
		STD DEV (GEOM *)	4.03	2.2		0.125<A	2.207	0.061	2.190	0.22	
		# SAMP IN STATISTICS	12	12	6	11	12	12	12	11	4
		% SAMP (EXCLUDED)			50						66

(CONT'D)

STORET CODE: 02
003
0150

DISTANCE: 207.922

[illegible]

B.O.W./ SITE: CANAGAGIGUE CREEK
 SAMPLE POINT: AT COUNTY ROAD 19 FLORADALE
 STATION TYPE: RIVER FLOW GAUGE FED 02GA036

STATION ID: 16-0184-052-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 43 38 04.24 LONG: 080 34 47.56

U T M: 17 0533890.0 4831150.0 4

REGION: 02

DISTANCE: 210.818

*INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	CAUR	CLIDUR	DO	FCMF	FSMF	FWFLOW	FWSTRC
				ALK	CALCIUM	CHLORIDE	DISOLVED	FECAL	FECAL	STREAM	
SAMPLE		SAMPLE	PROJECT	TOTAL	UNF.REAC	UNF.REAC	OXYGEN	COLIFORM	STREPCUS	FLOW	
DATE	HOUR	DEPTH	SUB-PROJ	MG/L	MG/L	MG/L	MG/L	MF	MF	M3	STREAM
YYMMDD	LMT	M	CODE	AS CAC03	AS CA	AS CL	AS O	CNT	CNT	/S	COND.
		NUMBER						/100ML	/100ML		
820120	1030	49025	0101	269	87.0	18.50	12.80	180	30<=>	0.004	8 6
820209	1030	49066	0101	252	79.0	17.00	12.90	750	190	0.002	8
820324	1015	49107	0101	152	50.0	15.00	13.70	580	1740	1.000	8
820414	1030	49148	0101	182	60.0	12.00	12.40	1160	3000>	1.530	8
820520	1015	49189	0101	210.0	67.0	16.60	10.20	180<=>	20<	0.024	9
820624	1024	49230	0101	277.9	97.0	19.80	9.80	1270	330	0.162	9
820715	1010	49271	0101	215.8	64.5	16.70	8.20	360	20<=>	0.001	7
820831	1012	49312	0101	241.2	71.3	20.50	10.80	200	100<=>	0.004	7
820923	1024	49353	0101	247.6	77.3	20.60	10.30	1500>	250	0.012	7
821014	1040	49394	0101	274.4	85.5	19.80	10.90	220	140<=>	0.020	7
821125	1025	49435	0101	260.9	92.9	19.40	14.20	2820	33800	0.575	8 6
821208	1023	49476	0101	264.0	93.1	18.30	13.30	1160	580	0.384	8 6
MAXIMUM		0.30		277.9	97.0	20.60	14.20	2820	33800	1.530	
ARITH MEAN		0.30		237	77.0	17.85	11.62	807	3718	0.310	
GEOM MEAN				234	75.7	17.66	11.48			0.038	
MINIMUM		0.30		152	50.0	12.00	8.20	180	20	0.001	
STD DEV (GEOM *)				40	14.8	2.54	1.84			0.495	
# SAMP IN STATISTICS		12		12	12	12	12	11	10	12	
% SAMP (EXCLUDED)								8	16		

*INTERIM TEST-NAME:		FWTEMP	HARDT	KKUR	MGUR	NAUR	NNHTFR	NNOTFR	NN02FR	NN03FR	NNTKUR
			HARDNESS	POTASSIM	MAGNESIM	SODIUM	NH3-N	NO2+NO3N	NO2-N	NO3-N	K'DAHL N
SAMPLE		WATER	TOTAL	UNF.REAC	FIL.REAC	UNF.REAC	TOTAL	FIL.REAC	FIL.REAC	FIL.REAC	TOTAL
DATE	HOUR	TEMP	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
YYMMDD	LMT	DEG.C	AS CAC03	AS K	AS MG	AS NA	AS N	AS N	AS N	AS N	AS N
820120	1030	49025	0.0	320	2.10	25.00	10.2	0.230	5.750	0.043	5.710
820209	1030	49066	0.0	298	2.20	24.50	10.9	0.296	5.500	0.052	5.450
820324	1015	49107	1.0	178	5.15	13.00	6.3	0.016	7.000	0.004	7.000
820414	1030	49148	2.0	214	2.90	15.50	4.8	0.004<T	4.800	0.0090	4.790
820520	1015	49189	17.0	264.0	2.28	23.50	9.50	0.010	4.150	0.0110	4.140
820624	1024	49230	16.0	341.0	2.50	24.00	7.75	0.010	9.250	0.0015<T	9.250
820715	1010	49271	21.0	260.0	2.10	24.00	10.70	0.004<T	3.050	0.0080	3.040
820831	1012	49312	15.5	275.0	5.98	23.50	10.90	0.004<T	3.100	0.0520	3.050
820923	1024	49353	13.0	291.0	5.88	23.70	11.50	0.004<T	3.400	0.0010<T	3.400
821014	1040	49394	11.0	318.0	4.10	25.50	10.60	0.002<T	3.350	0.0890	2.260
821125	1025	49435	1.5	323.0	2.48	22.20	6.45	0.016	10.250	0.0750	10.170
821208	1023	49476	3.0	323.0	2.26	22.00	7.30	0.002<T	9.160	0.0010<T	9.160

(C O N T D)

STORET CODE: 02
003
0150

DISTANCE: 210.818

[illegible]

B.O.W./ SITE: ABERFOYLE CREEK
 SAMPLE POINT: TOWERLINE ROAD SW OF ABERFOYLE EX-2
 STATION TYPE: RIVER

STATION ID: 16-0184-060-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 43 27 15.78 LONG: 080 09 46.79

U T M: 17 0567720.0 4811400.0 4

REGION: 02

DISTANCE: 164.953

*INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	ALUT	BOD5	CAUR	CDUT	CLIDUR	COD	COND25	
				ALK	ALUMINUM	5 DAY	CALCIUM	CADMIUM	CHLORIDE	CHEM. OX	CONDUCT.	
				TOTAL	UNF. TOT.	TOT. DEM.	UNF. REAC	UNF. TOT.	UNF. REAC	DEMAND	25C	
SAMPLE DATE	YHMD LMT	SAMPLE NUMBER	DEPTH M	PROJECT SUB-PROJ CODE	MG/L AS CAC03	MG/L AS AL	MG/L AS O	MG/L AS CA	MG/L AS CD	MG/L AS CL	MG/L AS O	UMHO/CM AT 25 C
820128	0945	48348	0.30	0101	258	0.180	0.2 <T	78.0	0.0002	20.50		630
820223	0955	48403	0.30	0101	252	0.169		71.0	0.0001<	31.50	14	640
820324	0910	48463	0.30	0101	213	0.160		59.0	0.0002	16.50	12	500
820429	0855	48531	0.30	0101	217.6	0.160	0.25<T	65.6	0.0002<	15.40	12	530.0
820519	0930	48577	0.30	0101	237.5	0.170	0.39	74.8	0.0002<	19.20	10	584.0
820623	0855	48649	0.30	0101	233.3	0.040	1.04	69.6	0.0002	16.50	26	537.0
820823	0855	48737	0.30	0101	241.4	0.016	0.38<T	77.0	0.0002<	28.80	10	615.0
820903	1000	48789	0.30	0101	233.0	0.003<	0.58	64.9	0.0002<	24.60	14	571.0
821012	0830	48856	0.30	0101	231.5	0.006	0.66	69.7	0.0002<	17.50	24.8	531.0
821122	1025	48938	0.30	0101	220.7	0.040	0.77	61.9	0.0002<	11.40		496.0
821230	0945	48993	0.30	0101	194.1	0.098		60.7	0.0002<	10.10	21.0	433.0
MAXIMUM		0.30			258	0.180	1.04	78.0	0.0002	31.50	26	640
ARITH MEAN		0.30			230	0.104	0.5 <A	68.4	0.0002	19.27	16	552
GEOM MEAN					230		0.5 <A	68.1		18.24	15	548
MINIMUM		0.30			194.1	0.006	0.2	59.0	0.0002	10.10	10	433.0
STD DEV (GEOM *)					18		0.3 <A	6.5		6.71	6	64
# SAMP IN STATISTICS		11			11	10	8	11	3	11	9	11
% SAMP (EXCLUDED)						9			72			

*INTERIM TEST-NAME:		CRUT	CUUT	DO	DOC	FCMF	FEUT	FSMF	FWPH	FWSTRC	FWTEMP
		CHROMIUM	COPPER	DISOLVED	DISOLVED	COLIFORM	IRON	STREPCUS			WATER
		UNF. TOT.	UNF. TOT.	OXYGEN	CARBON	FECAL	UNF. TOT.	FECAL			TEMP
SAMPLE DATE	YHMD LMT	MG/L AS CR	MG/L AS CU	MG/L AS O	MG/L AS C	CNT /100ML	MG/L AS FE	CNT /100ML	PH FIELD	STREAM COND.	DEG. C
820128	0945	0.004	0.005	12.20	1.5	10<=>	0.09	10<	7.95	8	3.5
820223	0955	0.004	0.005	11.80	2.1	60<=>	0.09	10<	8.10	6	2.5
820324	0910	0.003	0.014	13.20	4.7	110	0.130	50<=>		3	4.5
820429	0855	0.004	0.007	10.40	4.3	60<=>	0.065	40<=>	8.20	8	8.0
820519	0930	0.002<	0.006	9.10	3.2	90<=>	0.060	20<=>	7.70	8	15.5
820623	0855	0.002	0.002	13.20	5.2	220	0.095	190	8.05	8	13.5
820823	0855	0.002	0.006	8.60	2.0	640	0.030<T	1180	8.00	8	14.0
820903	1000	0.003	0.006	8.20	3.5	110	0.030<T	270	7.80	8	16.5
821012	0830	0.002	0.004	8.40	5.8	316	0.035<T	584	7.80	8	12.0
821122	1025	0.001	0.012	10.60	6.2	380	0.050	110	8.25	8	6.5
821230	0945	0.001<	0.010	12.40	5.4	1040	0.075	30<=>	7.95	8	1.0

(C O N T D)

B.O.W./ SITE: ABERFOYLE CREEK
 SAMPLE POINT: TOWERLINE ROAD SW OF ABERFOYLE EX-2
 STATION TYPE: RIVER

STATION ID: 16-0184-060-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 43 27 15.78 LONG: 080 09 46.79 U T M: 17 0567720.0 4811400.0 4 REGION: 02 DISTANCE: 164.953

*INTERIM TEST-NAME:		CRUT	CUUT	DO	DOC	FCMF	FEUT	FSMF	FUPH	FWSTRC	FWTEMP
		CHROMIUM	COPPER	DISOLVED	DISOLVED	FECAL	IRON	FECAL			
		UNF.TOT.	UNF.TOT.	OXYGEN	ORGANIC	COLIFORM	UNF.TOT.	STREPCUS			
SAMPLE		MG/L	MG/L	MG/L	MG/L	MF	MG/L	MF			WATER
DATE	HOUR	AS CR	AS CU	AS O	AS C	CNT	AS FE	CNT	PH	STREAM	TEMP
YYMMDD	LMT	NUMBER	NUMBER	NUMBER	NUMBER	/100ML	NUMBER	/100ML	FIELD	COND.	DEG.C
		MAXIMUM	0.004	0.014	13.20	6.2	1040	0.130	1180	8.25	16.5
		ARITH MEAN	0.003	0.007	10.74	4.0	276	0.07 <A	275	7.98	8.9
		GEOM MEAN		0.006	10.57	3.6	147	0.06 <A		7.98	6.7
		MINIMUM	0.001	0.002	8.20	1.5	10	0.030	20	7.70	1.0
		STD DEV (GEOM *)		0.004	1.94	1.6	4*	0.03 <A		0.18	5.6
# SAMP	IN	STATISTICS	9	11	11	11	11	9	10		11
% SAMP	(EXCLUDED)		18					18			

*INTERIM TEST-NAME:		HARDT	KKUR	MGUR	MNUT	NAUR	NIUT	NNHTFR	NNOTFR	NNO2FR	NNO3FR	
		HARDNESS	POTASSIM	MAGNESIM	MANGANSE	SODIUM	NICKEL	NH3-N				
		TOTAL	UNF.REAC	FIL.REAC	UNF.TOT.	UNF.REAC	UNF.TOT.	TOTAL	NO2+NO3N	NO2-N	NO3-N	
SAMPLE		MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	
DATE	HOUR	AS CAC03	AS K	AS MG	AS MN	AS NA	AS NI	AS N	AS N	AS N	AS N	
YYMMDD	LMT	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	
820128	0945	48348	304	1.25	26.50	0.012	10.1	0.004	0.014	0.775	0.012	0.765
820223	0955	48403	280	1.46	25.00	0.016	20.00	0.001	0.144	0.700	0.076	0.625
820324	0910	48463	223	1.45	18.50	0.0220	8.6	0.001<	0.082	0.615	0.035	0.580
820429	0855	48531	254.0	1.26	22.00	0.015	7.45	0.001<	0.002<W	0.405	0.0010<T	0.405
820519	0930	48577	289.0	1.24	24.80	0.014	9.55	0.001<	0.016	0.490	0.0340	0.455
820623	0855	48649	269.0	1.00	23.20	0.017	8.35	0.002<	0.006	0.375	0.0015<T	0.375
820823	0855	48737	302.0	1.44	26.70	0.0040	14.40	0.001<	0.006	0.510	0.0015<T	0.510
820903	1000	48789	262.0	1.44	24.20	0.0630	13.40	0.001<	0.016	0.605	0.0850	0.520
821012	0830	48856	279.0	1.46	25.50	0.0050	9.60	0.001	0.002<T	0.380	0.0025	0.378
821122	1025	48938	238.0	1.42	20.30	0.0090	5.65	0.001	0.006	0.480	0.0040	0.476
821230	0945	48993	231.0	1.20	19.30	0.0120	5.40	0.001<	0.002	0.380	0.0110	0.369
		MAXIMUM	304	1.46	26.70	0.0630	20.00	0.004	0.144	0.775	0.0850	0.765
		ARITH MEAN	266	1.33	23.27	0.017	10.2	0.002	0.027<A	0.520	0.024 <A	0.496
		GEOM MEAN	265	1.32	23.10	0.013	9.5		0.010<A	0.504	0.009 <A	0.483
		MINIMUM	223	1.00	18.50	0.0040	5.40	0.001	0.002	0.375	0.0010	0.369
		STD DEV (GEOM *)	28	0.15	2.87	0.016	4.3		0.045<A	0.138	0.031 <A	0.123
# SAMP	IN	STATISTICS	11	11	11	11	11	4	11	11	11	11
% SAMP	(EXCLUDED)							63				

(CONT'D)

B.O.W./ SITE: ABERFOYLE CREEK
 SAMPLE POINT: TOWERLINE ROAD SW OF ABERFOYLE EX-2
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: GRAND RIVER

STATION ID: 16-0184-060-02

STORET CODE: 02
 003
 0150

LAT: 43 27 15.78 LONG: 080 09 46.79 U T M: 17 0567720.0 4811400.0 4 REGION: 02 DISTANCE: 164.953

*=INTERIM TEST-NAME:		NNTKUR K'DAHL N TOTAL FIL.TOT.	PBUT LEAD UNF.TOT.	PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	PP04FR P04 FIL.REAC MG/L AS P	PPUT PHOSPHOR UNF.TOT. MG/L AS P	RSF RESIDUE FILTERED MG/L	RSP RESIDUE PARTIC. MG/L	SS04UR SULPHATE UNF.REAC MG/L AS S04	TCMF COLIFORM TOTAL MF CNT /100ML
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	MG/L AS N	MG/L AS PB	PH						
820128	0945	48348	0.20	0.013	8.58	1 <T	0.007	0.019	373	3.6	130
820223	0955	48403	0.42	0.004	8.23	1 <T	0.034	0.047	401	3.7	220
820324	0910	48463	0.48	0.003<	7.97	1	0.021	0.037	287	4.5	6300
820429	0855	48531	0.29	0.003<	8.38	0.2<W	0.0230	0.036	359.0	3.390	1900
820519	0930	48577	0.34	0.003<	8.50	0.8	0.0180	0.033	385.0	3.380	430<=>
820623	0855	48649	0.36	0.003<	8.38	3.2	0.0180	0.025	370.0	2.210	710<=>
820823	0855	48737	0.21	0.003<	8.40	0.2<T	0.0120	0.023	423.0	1.130	10500
820903	1000	48789	0.30	0.004	8.46	0.2<T	0.0280	0.036	373.0	1.340	370<=>
821012	0830	48856	0.32	0.006	8.35	0.4<T	0.0190	0.027	372.0	1.640	2800
821122	1025	48938	0.350	0.004	8.27	0.2<T	0.0135	0.019	337.0	2.340	4900
821230	0945	48993	0.350	0.003<	8.44	0.4<T	0.0100	0.037	292.0	1.900	12000
MAXIMUM		0.48	0.013	8.58	3.2	0.034	0.047	423.0	4.5	62.6	12000
ARITH MEAN		0.33	0.006	8.36	1 <A	0.018	0.031	361	2.6	45.9	3660
GEOM MEAN		0.32		8.36	1 <A	0.017	0.030	359	2.4	44.6	1465
MINIMUM		0.20	0.004	7.97	0.2	0.007	0.019	287	1.130	29.39	130
STD DEV (GEOM *)		0.08		0.16	1 <A	0.008	0.009	42	1.1	11.3	5*
# SAMP IN STATISTICS		11	5	11	11	11	11	11	11	11	11
% SAMP (EXCLUDED)			54								

*=INTERIM TEST-NAME:		TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	TURB TURB'ITY FTU	ZNUT ZINC UNF.TOT. MG/L AS ZN
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER		
820128	0945	48348	1100	0.055
820223	0955	48403	2100	0.055
820324	0910	48463	2100	0.037
820429	0855	48531	1700	0.032
820519	0930	48577	2900	0.027
820623	0855	48649	4000	0.030
820823	0855	48737	9600	0.031
820903	1000	48789	18200	0.018
821012	0830	48856	10000	0.019
821122	1025	48938	4600	0.032
821230	0945	48993	6600	0.038

(CONT'D)

B.O.W./ SITE: ABERFOYLE CREEK
SAMPLE POINT: TOWERLINE ROAD SW OF ABERFOYLE EX-2
STATION TYPE: RIVER

STATION ID: 16-0184-060-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

LAT: 43 27 15.78 LONG: 080 09 46.79

U T M: 17 0567720.0 4811400.0 4 REGION: 02

DISTANCE: 164.953

*=INTERIM TEST-NAME:		TCNFBK	TURB	ZNUT
		COLIFORM		
		TOTAL MF		ZINC
SAMPLE		BCKGRD		UNF.TOT.
DATE	HOUR	CNT	TURB'ITY	MG/L
YYMMDD	LMT	NUMBER	FTU	AS ZN
MAXIMUM		18200	2.80	0.055
ARITH MEAN		5718	1.81	0.034
GEOM MEAN		4070	1.66	0.032
MINIMUM		1100	0.75	0.018
STD DEV (GEOM *)		2*	0.72	0.012
# SAMP IN STATISTICS		11	11	11
% SAMP (EXCLUDED)				

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: CONC ROAD NO 13 NW OF MARSVILLE GR-3
 STATION TYPE: RIVER

STATION ID: 16-0184-067-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 43 51 43.63 LONG: 080 16 21.60

U T M: 17 0558450.0 4856600.0 4

REGION: 02

DISTANCE: 243.809

*INTERIM TEST-NAME:		FWSADP	FGPROJ	CLIDUR	COD	COND25	DO	DOC CARBON	FCMF	FSMF	FWSTRC	
SAMPLE DATE	HOOR LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE	CHLORIDE UNF. REAC MG/L AS CL	CHEM. OX DEMAND MG/L AS O	CONDUCT. 25C UMHO/CM AT 25 C	DISOLVED OXYGEN MG/L AS O	DISOLVED ORGANIC MG/L AS C	FCMF COLIFORM MF CNT /100ML	FSMF STREPCUS MF CNT /100ML	FWSTRC STREAM COND.
820113	1245	49021	0.30	0101	9.50	33	540	8.20	9.6	20<=>	30<=>	4
820223	1240	49062	0.30	0101	10.50	25	520	12.40	8.7	20<=>	30<=>	4
820310	1245	49103	0.30	0101	9.25	22	532	13.10	8.4	10<=>	10<	4
820331	1320	49997	0.30	0101	4.40	79	230		5.2			3
820428	1200	49144	0.30	0101	8.45	34	416.0	10.40	9.0	10<	10<	8
820521	1249	49185	0.30	0101	13.00	20		11.80	8.9	70<=>	10<=>	8 6
820617	1245	49226	0.30	0101	12.80	34	454.0	11.40	10.5	1000	152	9
820707	1240	49267	0.30	0101	8.80	44	382.0	11.60	4.9	70<=>	60<=>	9
820824	1237	49308	0.30	0101	13.20	30	357.0	12.80	9.8	160	50<=>	8 6
820915	1240	49349	0.30	0101	4.55	38	244.0	10.60	9.1	220	190	8 6
821027	1243	49390	0.30	0101	12.60	36.6	477.0	13.20	10.2	40<=>	10<	8 6
821109	1245	49431	0.30	0101	10.30	33.3	508.0	12.00	11.2	150	80<=>	8 6
821202	1247	49472	0.30	0101	7.75	27.1	436.0	11.90	8.1	120	190	9
MAXIMUM		0.30			13.20	79	540	13.20	11.2	1000	190	
ARITH MEAN		0.30			9.62	35	425	11.62	8.7	171	88	
GEOM MEAN					9.12	33	410	11.53	8.5			
MINIMUM		0.30			4.40	20	230	8.20	4.9	10	10	
STD DEV (GEOM *)					2.93	15	105	1.39	1.9			
# SAMP IN STATISTICS		13			13	13	12	12	13	11	9	
% SAMP (EXCLUDED)										8	25	

*INTERIM TEST-NAME:		FWTEMP	NNHTFR	NNOTFR	NNO2FR	NNO3FR	NNTKUR	PH	PP04FR	PPUT	RSF	
			NH3-N TOTAL	NO2+NO3N	NO2-N	NO3-N	K'DAHL N TOTAL					
SAMPLE DATE	HOOR LMT	SAMPLE NUMBER	FIL. REAC MG/L AS N	FIL. REAC MG/L AS N	FIL. REAC MG/L AS N	FIL. REAC MG/L AS N	FIL. TOT. MG/L AS N	PH	FIL. REAC MG/L AS P	PHOSPHOR UNF. TOT. MG/L AS P	RESIDUE FILTERED MG/L	
820113	1245	49021	0.0	0.094	0.855	0.054	0.805	1.00	7.77	0.015	0.082	345
820223	1240	49062	0.0	0.184	1.000	0.0230	0.975	0.78	8.01	0.0110	0.035	340.0
820310	1245	49103	0.0	0.002	1.250	0.006	1.240	0.60	8.17	0.020	0.043	310.0
820331	1320	49997		0.012	1.100	0.0260	1.075	3.30	7.59	0.0680	0.925	150
820428	1200	49144	10.0	0.002<W	0.640	0.0050	0.635	0.68	8.42	0.0050	0.038	262.0
820521	1249	49185	18.5	0.006<T	0.220	0.0740	0.145	0.72	8.62	0.0020<T	0.023	
820617	1245	49226	18.0	0.002<W	0.255	0.0630	0.190	0.875	8.35	0.0020<T	0.065	299.0
820707	1240	49267	26.0	0.054	0.010<T	0.0045	0.005<T	0.83	8.59	0.0160	0.056	247.0
820824	1237	49308	18.8	0.052	0.060	0.0410	0.020	0.74	8.45	0.0045	0.022	232.0
820915	1240	49349	17.5	0.078	0.035	0.0030	0.032	0.73	8.26	0.0210	0.033	159.0
821027	1243	49390	8.5	0.038	0.210	0.0290	0.181	0.80	8.51	0.0030	0.016	307.0

(C O N T D)

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: CONC ROAD NO 13 NW OF MARSVILLE GR-3
 STATION TYPE: RIVER

STATION ID: 16-0184-067-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 43 51 43.63 LONG: 080 16 21.60 U T M: 17 0558450.0 4856600.0 4 REGION: 02 DISTANCE: 243.809

*=INTERIM TEST-NAME:		FWTEMP	NNHTFR NH3-N TOTAL	NNOTFR NO2+NO3N TOTAL	NNO2FR NO2-N TOTAL	NNO3FR NO3-N TOTAL	NNTKUR K'DAHL N TOTAL	PH	PP04FR P04 FIL.REAC MG/L	PPUT PHOSPHOR UNF.TOT. MG/L	RSF RESIDUE FILTERED MG/L	
SAMPLE DATE YYMMDD	TIME HOUR LMT	SAMPLE NUMBER	WATER TEMP DEG.C	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.TOT. MG/L AS N	PH	AS P	AS P	MG/L
821109	1245	49431	5.0	0.034	0.860	0.0165	0.844	0.880	8.23	0.0060	0.022	334.0
821202	1247	49472	6.0	0.004<T	1.450	0.0025	1.450	0.660	8.51	0.0100	0.024	284.0
MAXIMUM		26.0	0.184	1.450	0.0740	1.450	3.30	8.62	0.0680	0.925	345	
ARITH MEAN		10.7	0.043<A	0.611<A	0.027	0.584<A	0.97	8.27	0.014 <A	0.106	272	
GEOM MEAN			0.017<A	0.309<A	0.016	0.247<A	0.86	8.26	0.009 <A	0.044	264	
MINIMUM		0.0	0.002	0.010	0.0025	0.005	0.60	7.59	0.0020	0.016	150	
STD DEV (GEOM *)			0.052<A	0.505<A	0.024	0.513<A	0.71	0.32	0.018 <A	0.247	66	
# SAMP IN STATISTICS		12	13	13	13	13	13	13	13	13	12	
% SAMP (EXCLUDED)												

*=INTERIM TEST-NAME:		RSP	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	TURB TURB'ITY FTU
SAMPLE DATE YYMMDD	TIME HOUR LMT	SAMPLE NUMBER	RESIDUE PARTIC. MG/L		
820113	1245	49021	36.6	1900	19000
820223	1240	49062	2.600	280	1110
820310	1245	49103	1.000	90<=>	2000
820331	1320	49997	562.0		240.00
820428	1200	49144	1.620	510<=>	2700
820521	1249	49185		90<=>	3000>
820617	1245	49226	10.500	2900	16000
820707	1240	49267	2.970	140<=>	7100
820824	1237	49308	2.820	200<=>	6000
820915	1240	49349	11.300	1200	9100
821027	1243	49390	4.080	500	4400
821109	1245	49431	3.640	1000	16000
821202	1247	49472	4.090	1400	8000
MAXIMUM		562.0	2900	19000	240.00
ARITH MEAN		53.6	851	8310	22.62
GEOM MEAN		6.5	480		3.40
MINIMUM		1.000	90	1110	1.13
STD DEV (GEOM *)		160.4	3*		68.50
# SAMP IN STATISTICS		12	12	11	12
% SAMP (EXCLUDED)				8	

B.O.W./ SITE: CONESTOGO RIVER
 SAMPLE POINT: STEEL BRIDGE AT GLEN ALLAN GR-12
 STATION TYPE: RIVER FLOW GAUGE FED 02GA028

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STATION ID: 16-0184-077-02

STORET CODE: 02
 003
 0150

LAT: 43 39 16.93 LONG: 080 42 05.22 U T M: 17 0524075.0 4833350.0 4 REGION: 02 DISTANCE: 223.049

*=INTERIM		TEST-NAME:	FWSADP	FGPROJ	COLAP	COLTR	COND25	DO	FCMF	FSMF	FWFLOW	FWSTRC
									FECAL	FECAL		
SAMPLE			SAMPLE	PROJECT	COLOUR	COLOUR	CONDUCT.	DISOLVED	COLIFORM	STREPCUS	STREAM	
DATE	HOUR		DEPTH	SUB-PROJ	APPARENT	TRUE	25C	OXYGEN	MF	MF	FLOW	
YYMMDD	LMT	SAMPLE	M	CODE	HZU	HZU	UMHO/CM	MG/L	CNT	CNT	M3	STREAM
		NUMBER					AT 25 C	AS 0	/100ML	/100ML	/S	COND.
820120	1058	49026	0.30	0101	19.8		710	12.00	280	2240	1.000	4
820209	1105	49067	0.30	0101		8.9	620	11.20	270	230	0.529	4
820324	1040	49108	0.30	0101	32.2		415	14.40	80<=>	140<=>	18.200	3
820331	1130	49993	0.30	0101	8.6		380				27.000	3
820414	1049	49149	0.30	0101	1.2		307	13.00	40<=>	80<=>	44.700	8
820520	1040	49190	0.30	0101	34.6		344.0	17.10	40<=>	10<=>	4.700	9
820624	1045	49231	0.30	0101	34.5		367.0	11.80	30<=>	70<=>	5.010	9
820715	1035	49272	0.30	0101	39.7		441.0	10.80	170	40<=>	3.870	9
820831	1030	49313	0.30	0101	23.7		366.0	10.00	560	330	5.060	9
820923	1045	49354	0.30	0101	18.6		364.0	10.80	50<=>	200	6.400	9
821014	1103	49395	0.30	0101	20.4		393.0	11.90	230<=>	250	3.810	9
821125	1043	49436	0.30	0101	26.6		517.0	14.20	230	220	26.300	9
821208	1040	49477	0.30	0101	32.9		490.0	13.90	200	370	37.600	9
MAXIMUM			0.30		39.7	8.9	710	17.10	560	2240	44.700	
ARITH MEAN			0.30		24.4	8.9	440	12.59	182	348	14.168	
GEOM MEAN					19.2		427	12.45	125	157	7.157	
MINIMUM			0.30		1.2	8.9	307	10.00	30	10	0.529	
STD DEV (GEOM *)					11.4		117	2.01	3*	4*	14.997	
# SAMP IN STATISTICS			13		12	1	13	12	12	12	13	
% SAMP (EXCLUDED)												

*=INTERIM TEST-NAME:			FWTEMP	NNHTFR	NNOTFR	NNO2FR	NNO3FR	NNTKUR	PH	PHNOL	PP04FR	PPUT
				NH3-N				K'DAHL N				
				TOTAL	NO2+NO3N	NO2-N	NO3-N	TOTAL		PHENOLS	P04	PHOSPHOR
SAMPLE			WATER	FIL.REAC	FIL.REAC	FIL.REAC	FIL.REAC	FIL.TOT.		UNF-REAC	FIL.REAC	UNF.TOT.
DATE	HOUR	SAMPLE	TEMP	MG/L	MG/L	MG/L	MG/L	MG/L		UG/L	MG/L	MG/L
YYMMDD	LMT	NUMBER	DEG.C	AS N	AS N	AS N	AS N	AS N	PH	PHENOL	AS P	AS P
820120	1058	49026	0.5	0.250	3.000	0.071	2.930	2.25	7.60	1 <T	0.575	1.200
820209	1105	49067	0.0	0.284	2.300	0.064	2.240	1.02	8.45	1 <T	0.015	0.168
820324	1040	49108	2.0	0.002	4.050	0.003	4.050	0.95	7.78	2	0.110	0.235
820331	1130	49993		0.130	3.050	0.0130	3.040	1.58	7.89	1 <T	0.0950	0.363
820414	1049	49149	2.0	0.004<T	2.100	0.0380	2.060	0.83	8.08	1	0.0950	0.195
820520	1040	49190	9.0	0.002<T	2.200	0.0070	2.195	0.80	8.20	0.6<T	0.0340	0.078
820624	1045	49231	13.0	0.010	2.050	0.0015<T	2.050	0.65	8.27	3.0	0.0120	0.050
820715	1035	49272	16.0	0.008	3.050	0.0070	3.040	1.15	7.77	0.2<T	0.0080	0.030
820831	1030	49313	18.0	0.006	1.000	0.0040	1.000	0.74	8.20	1.4	0.0190	0.088
820923	1045	49354	16.0	0.004<T	0.905	0.0090	0.896	0.72	7.14	0.2<T	0.0180	0.052
821014	1103	49395	14.0	0.100	0.950	0.0185	0.932	0.68	8.28	0.6<T	0.0200	0.057

(C O N T D)

B.O.W./ SITE: CONESTOGO RIVER
 SAMPLE POINT: STEEL BRIDGE AT GLEN ALLAN GR-12
 STATION TYPE: RIVER FLOW GAUGE FED 02GA028

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STATION ID: 16-0184-077-02

STORET CODE: 02
 003
 0150

LAT: 43 39 16.93 LONG: 080 42 05.22 U T M: 17 0524075.0 4833350.0 4 REGION: 02 DISTANCE: 223.049

*INTERIM TEST-NAME:		FWTEMP	NNHTFR NH3-N TOTAL	NNOTFR NO2+NO3N	NN02FR NO2-N	NN03FR NO3-N	NNTKUR K'DAHL N TOTAL	PH	PHNOL PHENOLS UNF-REAC UG/L	PP04FR PO4 FIL.REAC MG/L	PPUT PHOSPHOR UNF.TOT. MG/L	
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	WATER TEMP DEG.C	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.TOT. MG/L AS N	PH	PHENOL	PO4 FIL.REAC MG/L AS P	PHOSPHOR UNF.TOT. MG/L AS P
821125	1043	49436	4.0	0.004<T	3.250	0.0370	3.210	0.780	8.24	0.2<T	0.0480	0.099
821208	1040	49477	4.5	0.004<T	4.050	0.0030	4.050	0.850	8.31	0.2<W	0.0700	0.125
MAXIMUM		18.0	0.284	4.050	0.071	4.050	2.25	8.45	3.0	0.575	1.200	
ARITH MEAN		8.2	0.062<A	2.458	0.021 <A	2.438	1.00	8.02	1 <A	0.086	0.211	
GEOM MEAN			0.013<A	2.197	0.011 <A	2.177	0.93	8.01	1 <A	0.040	0.122	
MINIMUM		0.0	0.002	0.905	0.0015	0.896	0.65	7.14	0.2	0.0080	0.030	
STD DEV (GEOM *)			0.100<A	1.076	0.024 <A	1.075	0.45	0.37	1 <A	0.151	0.311	
# SAMP IN STATISTICS		12	13	13	13	13	13	13	13	13	13	
% SAMP (EXCLUDED)												

*INTERIM TEST-NAME:		RSF	RSP	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	TURB TURB'ITY FTU
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	RESIDUE FILTERED MG/L	RESIDUE PARTIC. MG/L		
820120	1058	49026	418	282.0	1400	24000
820209	1105	49067	389	104.0	1200	10000
820324	1040	49108	265	59.2	360	3600
820331	1130	49993	247	101.0		
820414	1049	49149	207.0	47.400	980<=>	6600
820520	1040	49190	224.0	7.150	100<=>	560
820624	1045	49231	239.0	15.800	5000<=>	47000
820715	1035	49272	281.0	10.600	700<=>	42000
820831	1030	49313	238.0	34.500	680<=>	10400
820923	1045	49354	237.0	4.290	620	4800
821014	1103	49395	271.0	11.520	1900	21500
821125	1043	49436	314.0	24.300	2200	11700
821208	1040	49477	345.0	22.900	760<=>	9800
MAXIMUM		418	282.0	5000	47000	265.00
ARITH MEAN		283	55.7	1325	15997	49.06
GEOM MEAN		276	28.8	899	9791	26.15
MINIMUM		207.0	4.290	100	560	6.60
STD DEV (GEOM *)		65	75.7	3*	3*	70.28
# SAMP IN STATISTICS		13	13	12	12	13
% SAMP (EXCLUDED)						

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: IN RURAL COMMUNITY OF LEGGATT
 STATION TYPE: RIVER

STATION ID: 16-0184-090-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 43 58 01.41 LONG: 080 21 18.78 U T M: 17 0551725.0 4868200.0 4 REGION: 02 DISTANCE: 264.408

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	CLIDUR	COD	COND25	DO	DOC CARBON	FCMF FECAL	FSMF FECAL	FWSTRC
				CHLORIDE	CHEM. OX	CONDUCT.	DISOLVED	DISOLVED	COLIFORM	STREPCUS	
				UNF.REAC	DEMAND	25C	OXYGEN	ORGANIC	MF	MF	
SAMPLE DATE	HOUR	SAMPLE	SAMPLE	PROJECT	MG/L	UMHO/CM	MG/L	MG/L	CNT	CNT	STREAM
YYMMDD	LMT	NUMBER	DEPTH	SUB-PROJ	AS CL	AT 25 C	AS O	AS C	/100ML	/100ML	COND.
			M	CODE							
820120	1245	49029	0.30	0101	6.60	468	8.70	10.7	190	10<	4
820209	1250	49070	0.30	0101	8.80	485	10.30	11.5	240	30<=>	4
820324	1220	49111	0.30	0101	12.00	22	420	7.5	60<=>	340	3
820414	1210	49152	0.30	0101	4.00	24	302	6.7	30<=>	60<=>	8
820520	1210	49193	0.30	0101	7.60	29	392.0	10.4	150	50<=>	9
820624	1235	49234	0.30	0101	4.55	50	399.0	11.70	180	310	9
820715	1155	49275	0.30	0101	5.05	36	293.0	9.40	260	120	9
820831	1133	49316	0.30	0101	6.95	36	332.0	10.80	130	90<=>	9
820923	1215	49357	0.30	0101	4.36	36	250.0	10.20	310	210	9
821014	1231	49398	0.30	0101	6.18	38.6	298.0	10.80	120	150	9
821125	1215	49439	0.30	0101	6.70	34.6	426.0	9.7	110	330	9
821208	1217	49480	0.30	0101	5.00	29.9	378.0	9.4	130	20<=>	9
MAXIMUM		0.30			12.00	187	485	14.4	310	340	
ARITH MEAN		0.30			6.48	47	370	10.86	159	155	
GEOM MEAN					6.17	38	363	9.9	136		
MINIMUM		0.30			4.00	22	250.0	8.70	30	20	
STD DEV (GEOM *)					2.26	45	75	1.37	2*		
# SAMP IN STATISTICS		12			12	12	12	12	12	11	
% SAMP (EXCLUDED)										8	

*=INTERIM TEST-NAME:		FWTEMP	NNHTFR	NNOTFR	NN02FR	NN03FR	NNTKUR	PH	PP04FR	PPUT	RSF
			NH3-N				K'DAHL N				
			TOTAL	NO2+NO3N	NO2-N	NO3-N	TOTAL		P04	PHOSPHOR	
			FIL.REAC	FIL.REAC	FIL.REAC	FIL.REAC	FIL.TOT.		FIL.REAC	UNF.TOT.	RESIDUE
SAMPLE DATE	HOUR	SAMPLE	MG/L	MG/L	MG/L	MG/L	MG/L		MG/L	MG/L	MG/L
YYMMDD	LMT	NUMBER	AS N	AS N	AS N	AS N	AS N	PH	AS P	AS P	MG/L
820120	1245	49029	0.0	0.106	0.350	0.009	0.340	7.54	0.170	0.235	279
820209	1250	49070	0.0	0.342	0.615	0.010	0.605	8.18	0.003	0.035	304
820324	1220	49111	2.0	0.016	0.835	0.002	0.835	7.56	0.020	0.095	256
820414	1210	49152	3.5	0.004<T	1.200	0.0080	1.190	8.08	0.0360	0.048	196.0
820520	1210	49193	17.5	0.034	0.040	0.0310	0.010	8.35	0.0030	0.023	255.0
820624	1235	49234	17.5	0.008	0.155	0.0035	0.150	8.62	0.0230	0.024	259.0
820715	1155	49275	24.0	0.046	0.060	0.0600	0.005<W	8.20	0.0040	0.030	190.0
820831	1133	49316	16.0	0.020	0.090	0.0870	0.005<T	8.34	0.0020<T	0.031	216.0
820923	1215	49357	14.5	0.050	0.075	0.0490	0.026	8.24	0.0020	0.028	163.0
821014	1231	49398	11.5	0.002<T	0.125	0.0955	0.119	8.25	0.0135	0.038	198.0
821125	1215	49439	1.0	0.012	0.950	0.0280	0.922	8.24	0.0100	0.027	264.0
821208	1217	49480	1.0	0.002<T	0.705	0.0020<T	0.703	8.40	0.0080	0.024	282.0

(C O N T D)

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: IN RURAL COMMUNITY OF LEGGATT
 STATION TYPE: RIVER

STATION ID: 16-0184-090-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 43 58 01.41 LONG: 080 21 18.78 U T M: 17 0551725.0 4868200.0 4 REGION: 02 DISTANCE: 264.408

*=INTERIM TEST-NAME:		FWTEMP	NNHTFR NH3-N TOTAL	NNOTFR NO2+NO3N FIL.REAC	NNO2FR NO2-N FIL.REAC	NNO3FR NO3-N FIL.REAC	NNTKUR K'DAHL N TOTAL	PH	PP04FR P04 FIL.REAC	PPUT PHOSPHOR UNF.TOT.	RSF RESIDUE FILTERED
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE TEMP DEG.C	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.TOT. MG/L AS N	PH	AS P	AS P	MG/L
MAXIMUM		24.0	0.342	1.200	0.0955	1.190	1.15	8.62	0.170	0.235	304
ARITH MEAN		9.0	0.053<A	0.433	0.032 <A	0.409<A	0.78	8.17	0.025 <A	0.053	238
GEOM MEAN			0.018<A	0.244	0.016 <A	0.126<A	0.78	8.16	0.009 <A	0.039	235
MINIMUM		0.0	0.002	0.040	0.002	0.005	0.63	7.54	0.0020	0.023	163.0
STD DEV (GEOM *)			0.096<A	0.409	0.034 <A	0.423<A	0.14	0.32	0.047 <A	0.061	44
# SAMP IN STATISTICS		12	12	12	12	12	12	12	12	12	12
% SAMP (EXCLUDED)											

*=INTERIM TEST-NAME:		RSP	TCMF COLIFORM TOTAL MF CNT	TCMFBK COLIFORM TOTAL MF BCKGRD CNT	TURB TURB'ITY FTU
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE PARTIC. MG/L	/100ML	/100ML	
820120	1245	49029	2.3	560	1480
820209	1250	49070	9.1	920	3400
820324	1220	49111	7.3	820	2400
820414	1210	49152	21.600	4000	9000
820520	1210	49193	2.250	340<=>	12400
820624	1235	49234	2.380	1000	14000
820715	1155	49275	3.100	580<=>	16000
820831	1133	49316	6.870	500<=>	8600
820923	1215	49357	7.970	700	4000
821014	1231	49398	5.150	1700	27500
821125	1215	49439	4.260	2000	6700
821208	1217	49480	4.530	500	2800
MAXIMUM		21.600	4000	27500	11.80
ARITH MEAN		6.4	1135	9023	4.15
GEOM MEAN		5.1	874	6468	3.38
MINIMUM		2.250	340	1480	0.86
STD DEV (GEOM *)		5.3	2*	2*	3.11
# SAMP IN STATISTICS		12	12	12	12
% SAMP (EXCLUDED)					

B.O.W./ SITE: MOOREFIELD CREEK
 SAMPLE POINT: COUNTY ROAD NO 10 VILLAGE OF MOOREFIELD
 STATION TYPE: RIVER

STATION ID: 16-0184-091-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 43 45 27.67 LONG: 080 44 54.43 U T M: 17 0520250.0 4844775.0 4 REGION: 02 DISTANCE: 241.878

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	BOD5	CAUR	CLIDUR	COD	COND25	DO	DOC
					BOD						CARBON
				ALK	5 DAY	CALCIUM	CHLORIDE	CHEM. OX	CONDUCT.	DISOLVED	DISOLVED
				TOTAL	TOT.DEM.	UNF.REAC	UNF.REAC	DEMAND	25C	OXYGEN	ORGANIC
				MG/L	MG/L	MG/L	MG/L	MG/L	UMHO/CM	MG/L	MG/L
				AS CAC03	AS O	AS CA	AS CL	AS O	AT 25 C	AS O	AS C
SAMPLE	DATE	DATE	DEPTH	PROJECT							
YYMMDD	HOUR	SAMPLE	DEPTH	SUB-PROJ							
YYMMDD	LMT	NUMBER	M	CODE							
820120	1125	49027	0.30	0101	294	0.4	82.0	18.00	12	635	11.20
820209	1135	49068	0.30	0101	279		77.0	23.00	14	630	11.40
820324	1135	49109	0.30	0101	155	3.0	46.0	18.00	18	425	12.00
820331	1150	49994	0.30	0101	97	2.8	31.0	5.55	65	230	
820414	1105	49150	0.30	0101	171	0.8	47.0	10.50	10	395	11.30
820520	1103	49191	0.30	0101	211.7	1.00	55.8	15.00	15	480.0	11.10
820624	1107	49232	0.30	0101	269.0	0.65	80.0	14.60	24	581.0	10.40
820715	1050	49273	0.30	0101	183.2	1.10	40.3	30.80	18	474.0	15.70
820831	1052	49314	0.30	0101	210.4	5.07	52.0	48.00	34	612.0	11.61
820923	1113	49355	0.30	0101	206.5	1.76	52.9	54.00	18	608.0	11.60
821014	1130	49396	0.30	0101	263.2	2.46	71.5	25.90	22.3	598.0	13.00
821125	1115	49437	0.30	0101	234.0	1.11	71.0	15.70	21.6	544.0	13.40
821208	1112	49478	0.30	0101	229.0	1.14	72.7	14.30	15.9	524.0	12.40
		MAXIMUM	0.30		294	5.07	82.0	54.00	65	635	15.70
		ARITH MEAN	0.30		216	1.8	59.9	22.57	22	518	12.09
		GEOM MEAN			208	1.4	57.6	19.07	20	502	12.02
		MINIMUM	0.30		97	0.4	31.0	5.55	10	230	10.40
		STD DEV (GEOM *)			55	1.3	16.6	14.22	14	117	1.41
		# SAMP IN STATISTICS	13		13	12	13	13	13	13	12
		% SAMP (EXCLUDED)									13

*=INTERIM TEST-NAME:		FCMF	FEUT	FSMF	FWSTRC	FWTEMP	KKUR	MGUR	NAUR	NNHTFR	NNOTFR
		FECAL		FECAL						NH3-N	
		COLIFORM	IRON	STREPCUS			POTASSIM	MAGNESIM	SODIUM	TOTAL	NO2+NO3N
		MF	UNF.TOT.	MF		WATER	UNF.REAC	FIL.REAC	UNF.REAC	FIL.REAC	FIL.REAC
		CNT	MG/L	CNT	STREAM	TEMP	MG/L	MG/L	MG/L	MG/L	MG/L
		/100ML	AS FE	/100ML	COND.	DEG.C	AS K	AS MG	AS NA	AS N	AS N
SAMPLE	DATE	DATE									
YYMMDD	HOUR	SAMPLE									
YYMMDD	LMT	NUMBER									
820120	1125	49027	160	0.17	70<=>	4	0.5	27.00	7.2	0.128	3.400
820209	1135	49068	320	0.44	110	4	0.0	26.50	9.6	0.184	3.300
820324	1135	49109	10700	1.600	3600	3	1.0	14.00	9.1	0.076	6.200
820331	1150	49994		17.000		3		7.50	2.5	0.286	2.650
820414	1105	49150	90<=>	0.710	570	8	3.0	15.00	5.0	0.004<T	2.150
820520	1103	49191	1720	0.205	120<=>	8 6	18.5	24.60	6.30	0.012	2.000
820624	1107	49232	640	0.180	900	7	15.5	24.20	6.10	0.008	4.300
820715	1050	49273	580	0.150	70<=>	5 7	23.0	26.30	15.00	0.046	1.500
820831	1052	49314	2100	0.815	440	5 7	17.0	25.50	31.70	0.008	3.850
820923	1113	49355	1500>	0.170	1500>	8 6	14.0	25.30	30.50	0.004<T	2.400
821014	1130	49396	1420	0.250	8500	8 6	11.2	27.10	12.10	0.002<T	1.400

(C O N T D)

B.O.W./ SITE: MOOREFIELD CREEK
 SAMPLE POINT: COUNTY ROAD NO 10 VILLAGE OF MOOREFIELD
 STATION TYPE: RIVER

STATION ID: 16-0184-091-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 43 45 27.67 LONG: 080 44 54.43 U T M: 17 0520250.0 4844775.0 4 REGION: 02 DISTANCE: 241.878

*=-INTERIM TEST-NAME:		FCMF FECAL COLIFORM MF CNT /100ML	FEUT IRON UNF.TOT. MG/L AS FE	FSMF FECAL STREPCUS MF CNT /100ML	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	KKUR POTASSIM UNF.REAC MG/L AS K	MGUR MAGNESIM FIL.REAC MG/L AS MG	NAUR SODIUM UNF.REAC MG/L AS NA	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER									
821125	1115	49437	260	0.260	640	8 6	1.5	2.24	21.80	5.70	0.006
821208	1112	49478	340	0.290	140<=>	8 6	2.5	2.28	20.50	5.60	0.002<T
MAXIMUM		10700	17.000	8500			23.0	3.85	27.10	31.70	0.286
ARITH MEAN		1666	1.71	1378			9.0	2.70	21.95	11.3	0.059<A
GEOM MEAN			0.44					2.60	20.82	8.7	0.017<A
MINIMUM		90	0.150	70			0.0	1.74	7.50	2.5	0.002
STD DEV (GEOM *)			4.61					0.76	6.12	9.4	0.089<A
# SAMP IN STATISTICS		11	13	11			12	13	13	13	13
% SAMP (EXCLUDED)		8		8							

*=-INTERIM TEST-NAME:		NN02FR NO2-N FIL.REAC MG/L AS N	NN03FR NO3-N FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	PP04FR P04 FIL.REAC MG/L AS P	PPUT PHOSPHOR UNF.TOT. MG/L AS P	PSAMF PSEUDOMN AERUG. MF CNT /100ML	PSAMFB PSEUDOMN AERUG. MF BKGD CNT /100ML	RSF RESIDUE FILTERED MG/L
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER									
820120	1125	49027	0.035	3.370	0.63	7.68	1 <T	0.125	0.195	4<	4<
820209	1135	49068	0.050	3.250	0.68	8.29	1 <T	0.044	0.095	4<	4<
820324	1135	49109	0.002	6.200	1.30	7.58	5	0.210	0.325	80<=>	240
820331	1150	49994	0.0110	2.640	3.60	7.67	1	0.1400	1.170		
820414	1105	49150	0.0120	2.140	1.12	7.94	3	0.0930	0.112	10<	30<=>
820520	1103	49191	0.0810	1.920	0.83	8.36	0.2<W	0.0220	0.055	10<	10<
820624	1107	49232	0.0020	4.300	0.74	8.52	4.2	0.0160	0.034	10<=>	20<=>
820715	1050	49273	0.0660	1.430	0.78	8.72	0.2<T	0.0020<T	0.025	10<	10<
820831	1052	49314	0.0060	3.840	1.25	8.23		0.0600	0.110	10<=>	10<=>
820923	1113	49355	0.0230	2.380	0.75	8.28	0.4<T	0.0590	0.085	100	8
821014	1130	49396	0.0470	1.350	0.77	8.42	2.4	0.0370	0.071	10<=>	10<=>
821125	1115	49437	0.0355	5.210	0.680	8.51	0.2<T	0.0440	0.064	10<	90<=>
821208	1112	49478	0.0015<T	4.800	0.670	8.39	0.2<W	0.0360	0.061	40<=>	10<=>
MAXIMUM		0.0810	6.200	3.60	8.72	5	0.210	1.170	100	240	410.0
ARITH MEAN		0.029 <A	3.295	1.06	8.20	2 <A	0.068 <A	0.185	42	52	321
GEOM MEAN		0.015 <A	2.970	0.92	8.19	1 <A	0.044 <A	0.100			310
MINIMUM		0.0015	1.350	0.63	7.58	0.2	0.0020	0.025	10	8	150
STD DEV (GEOM *)		0.026 <A	1.512	0.80	0.36	2 <A	0.059 <A	0.306			78
# SAMP IN STATISTICS		13	13	13	13	12	13	13	6	8	13
% SAMP (EXCLUDED)									50	33	

(C O N T D)

B.O.W./ SITE: MOOREFIELD CREEK
 SAMPLE POINT: COUNTY ROAD NO 10 VILLAGE OF MOOREFIELD
 STATION TYPE: RIVER

STATION ID: 16-0184-091-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 43 45 27.67 LONG: 080 44 54.43

U T M: 17 0520250.0 4844775.0 4

REGION: 02

DISTANCE: 241.878

*=INTERIM TEST-NAME:		RSP	SS04UR	TCMF	TCMFBK
			SULPHATE	COLIFORM	COLIFORM
		RESIDUE	UNF.REAC	TOTAL	TOTAL MF
SAMPLE				MF	BCKGRD
DATE	HOOR	SAMPLE	MG/L	CNT	CNT
YYMMDD	LHT	NUMBER	AS S04	/100ML	/100ML
820120	1125	49027	4.3	36.5	1680
820209	1135	49068	4.6	33.0	9300
820324	1135	49109	62.3	19.5	36000
820331	1150	49994	461.0	9.8	37000
820414	1105	49150	15.600	17.9	3500
820520	1103	49191	5.250	27.2	21000
820624	1107	49232	3.730	26.5	7600
820715	1050	49273	2.150	28.0	6900<=>
820831	1052	49314	40.400	35.2	2400
820923	1113	49355	5.200	35.3	26000
821014	1130	49396	5.910	28.8	9100
821125	1115	49437	6.370	28.52	8600<=>
821208	1112	49478	6.090	25.24	50000
				2900	21000
				1700	9000
		MAXIMUM	461.0	36.5	36000
		ARITH MEAN	47.9	27.0	110000
		GEOM MEAN	10.5	25.7	9640
		MINIMUM	2.150	9.8	27692
		STD DEV (GEOM *)	125.4	7.7	6067
# SAMP IN STATISTICS		13	13	12	18139
% SAMP (EXCLUDED)					3600
				3*	3*
				12	12

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: AT BRIDGE IN COMMUNITY OF YORK
 STATION TYPE: RIVER

STATION ID: 16-0184-092-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 43 01 21.21 LONG: 079 53 32.58

U T M: 17 0590250.0 4763700.0 4

REGION: 02

DISTANCE: 42.325

*=-INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	BOD5	CAUR	CDUT	CLIDUR	COD	COND25	CRUT		
				ALK	BOD	CALCIUM	CADMIUM	CHLORIDE	CHEM. OX	CONDUCT.	CHROMIUM		
SAMPLE		SAMPLE	PROJECT	TOTAL	TOT.DEM.	UNF.REAC	UNF.TOT.	UNF.REAC	DEMAND	25C	UNF.TOT.		
DATE	HR	DEPTH	SUB-PROJ	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	UMHO/CM	MG/L		
YYMMDD	LMT	M	CODE	AS CAC03	AS O	AS CA	AS CD	AS CL	AS O	AT 25 C	AS CR		
820107	1040	49002	0.30	0101	196			77.0	0.0001<	46.50	10	650	0.004
820204	1045	49043	0.30	0101	263	1.0	111.0	75.00	0.0004	18	955	0.005	
820323	0955	49084	0.30	0101	162	2.4	51.0	26.50	0.0002	24	451	0.009	
820405	1420	49125	0.30	0101	131	1.2	44.0	15.50	0.0002<	16	345	0.012U	
820518	1010	49166	0.30	0101	193.9	0.87	81.5	55.00	0.0002<	19	700.0	0.004	
820608	1015	49207	0.30	0101	203.7	0.92	81.2	40.60	0.0002<	22	632.0	0.004	
820713	1040	49248	0.30	0101	185.6	1.25	75.2	63.00	0.0003	32	716.0	0.004	
820818	1040	49289	0.30	0101	191.4	1.58	74.0	53.00	0.0002<	22	664.0	0.004	
820929	1035	49330	0.30	0101	229.2	1.00	81.1	33.50	0.0002<	31.4	616.0	0.002	
821026	1045	49371	0.30	0101	217.9	0.86	88.8	56.00	0.0002<	22.8	721.0	0.003	
821122	1045	49412	0.30	0101	239.4	1.38	82.1	34.70	0.0002	15.6	655.0	0.009	
821214	1043	49453	0.30	0101	223.4	0.75	83.0	23.00	0.0002<	20.9	584.0	0.004	
MAXIMUM		0.30		263	2.4	111.0	0.0004	75.00	32	955	0.012		
ARITH MEAN		0.30		203	1.2	77.5	0.0003	43.52	21	641	0.005		
GEOM MEAN				200	1.1	75.6		39.84	20	623	0.005		
MINIMUM		0.30		131	0.75	44.0	0.0002	15.50	10	345	0.002		
STD DEV (GEOM *)				35	0.5	17.0		17.68	6	149	0.003		
# SAMP IN STATISTICS		12		12	11	12	4	12	12	12	12		
% SAMP (EXCLUDED)							66						

*=-INTERIM TEST-NAME:		CUUT	DO	DOC	FCMF	FSMF	FWSTRC	FWTEMP	HARDT	MGUR	NIUT	
		COPPER	DISOLVED	CARBON	FECAL	FECAL			HARDNESS	MAGNESIM	NICKEL	
SAMPLE		UNF.TOT.	OXYGEN	DISOLVED	COLIFORM	STREPCUS		WATER	TOTAL	FIL.REAC	UNF.TOT.	
DATE	HR	MG/L	MG/L	MG/L	MF	MF		TEMP	MG/L	MG/L	MG/L	
YYMMDD	LMT	AS CU	AS O	AS C	CNT	CNT	STREAM	DEG.C	AS CAC03	AS MG	AS NI	
					/100ML	/100ML	COND.					
820107	1040	49002	0.009	13.70	5.1	210	1140	8 6	0.0	268	18.50	0.006
820204	1045	49043	0.012	13.70	4.4	30<=>	20<	4	0.0	388	27.00	0.011
820323	0955	49084	0.010	15.60	5.5	20<=>	420	3	1.0	177	12.00	0.007
820405	1420	49125	0.009U	11.30	4.4	320	460	3	2.0	151	10.00	0.004U
820518	1010	49166	0.013	9.20	4.4	20<=>	320	5	18.5	290.0	21.10	0.004
820608	1015	49207	0.014	9.40	5.9	240	170	8 6	15.0	278.0	18.20	0.002
820713	1040	49248	0.010	7.60	4.7	20<=>	20<=>	8 6	23.0	279.0	22.10	0.005
820818	1040	49289	0.007	9.80	5.3	20<=>	950	8 6	20.8	269.0	20.40	0.009
820929	1035	49330	0.006	10.40	5.5	180	90<=>	8 6	15.5	286.0	20.40	0.003
821026	1045	49371	0.008	12.20	4.9	20<	20<	8 6	8.0	316.0	22.90	0.005
821122	1045	49412	0.018	12.20	5.8	50<=>	230	8 6	7.5	292.0	21.20	0.002
821214	1043	49453	0.010	15.00	5.7	40<=>	10<=>	8 6	1.0	286.0	19.20	0.003

(C O N T D)

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: AT BRIDGE IN COMMUNITY OF YORK
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STATION ID: 16-0184-092-02

STORET CODE: 02
 003
 0150

LAT: 43 01 21.21 LONG: 079 53 32.58

U T M: 17 0590250.0 4763700.0 4

REGION: 02

DISTANCE: 42.325

*INTERIM TEST-NAME:		CUUT	DO	DOC	FCMF	FSMF	FWSTRC	FWTEMP	HARDT	MGUR	NIUT
		COPPER	DISOLVED	DISOLVED	FECAL	FECAL			HARDNESS	MAGNESIM	NICKEL
		UNF.TOT.	OXYGEN	ORGANIC	COLIFORM	STREPCUS			TOTAL	FIL.REAC	UNF.TOT.
SAMPLE		MG/L	MG/L	MG/L	MF	MF		WATER	MG/L	MG/L	MG/L
DATE	HR	AS CU	AS O	AS C	CNT	CNT	STREAM	TEMP	AS CAC03	AS MG	AS NI
YYMMDD	LMT				/100ML	/100ML	COND.	DEG.C			
		MAXIMUM	0.018	15.60	5.9	320	1140	23.0	388	27.00	0.011
		ARITH MEAN	0.010	11.67	5.1	105	381	9.4	273	19.42	0.005
		GEOM MEAN	0.010	11.43	5.1				266	18.82	0.004
		MINIMUM	0.006	7.60	4.4	20	10	0.0	151	10.00	0.002
		STD DEV (GEOM *)	0.003	2.49	0.6				60	4.58	0.003
# SAMP	IN	STATISTICS	12	12	12	11	10	12	12	12	12
% SAMP	(EXCLUDED)				8	16					

*INTERIM TEST-NAME:		NNHTFR	NNOTFR	NN02FR	NN03FR	NNTKUR	PBUT	PH	PHNOL	PP04FR	PPUT	
		NH3-N		N02-N	N03-N	K'DAHL N	LEAD		PHENOLS	P04	PHOSPHOR	
		TOTAL	N02+N03N	FIL.REAC	FIL.REAC	TOTAL	UNF.TOT.		UNF-REAC	FIL.REAC	UNF.TOT.	
SAMPLE		MG/L	MG/L	MG/L	MG/L	MG/L	MG/L		UG/L	MG/L	MG/L	
DATE	HR	AS N	AS N	AS N	AS N	AS N	AS PB	PH	PHENOL	AS P	AS P	
YYMMDD	LMT											
820107	1040	49002	0.304	3.250	0.210	3.040	1.00	0.008	8.03	1 <T	0.050	0.108
820204	1045	49043	0.690	3.850	0.420	3.430	1.13	0.006	8.06	1 <T	0.120	0.265
820323	0955	49084	0.400	3.350	0.0080	3.340	1.57	0.003<	7.56	1	0.150	0.402
820405	1420	49125	0.010	2.800	0.0070	2.795	0.93	0.003<	8.28	1	0.0930	0.292
820518	1010	49166	0.004<T	1.950	0.0810	1.870	0.45	0.003<	8.45	0.2<W	0.0090	0.038
820608	1015	49207	0.008	3.750	0.0120	3.735	0.88	0.003<	8.04	0.2<W	0.0380	0.098
820713	1040	49248	0.080	1.500	0.0280	1.470	0.78	0.006	8.18	1.0	0.0130	0.095
820818	1040	49289	0.004<T	1.750	0.0465	1.700	0.88	0.003<	8.15		0.0260	0.085
820929	1035	49330	0.004<T	3.200	0.0020<T	3.200	0.68	0.003	8.23	0.8	0.0840	0.125
821026	1045	49371	0.026	2.300	0.0310	2.270	0.48	0.003<	8.49	0.6<T	0.3000	0.350
821122	1045	49412	0.012	3.310	0.0035	3.310	0.600	0.009	8.38	0.4<T	0.0440	0.083
821214	1043	49453	0.006<T	3.550	0.0020	3.550	0.670	0.006	8.49	0.6<T	0.0560	0.102
		MAXIMUM	0.690	3.850	0.420	3.735	1.57	0.009	8.49	1	0.3000	0.402
		ARITH MEAN	0.129<A	2.880	0.071 <A	2.809	0.84	0.006	8.19	1 <A	0.082	0.170
		GEOM MEAN	0.025<A	2.759	0.019 <A	2.692	0.79		8.19	1 <A	0.054	0.135
		MINIMUM	0.004	1.500	0.0020	1.470	0.45	0.003	7.56	0.2	0.0090	0.038
		STD DEV (GEOM *)	0.221<A	0.808	0.125 <A	0.782	0.31		0.26	0 <A	0.081	0.122
# SAMP	IN	STATISTICS	12	12	12	12	12	6	12	11	12	12
% SAMP	(EXCLUDED)						50					

(CONT'D)

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: AT BRIDGE IN COMMUNITY OF YORK
 STATION TYPE: RIVER

STATION ID: 16-0184-092-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 43 01 21.21 LONG: 079 53 32.58

U T M: 17 0590250.0 4763700.0 4

REGION: 02

DISTANCE: 42.325

*=INTERIM TEST-NAME:		RSF	RSP	SS04UR	TCMF	TCMFBK	TURB	ZNUT	
				SULPHATE	COLIFORM	COLIFORM			
		RESIDUE	RESIDUE	UNF.REAC	TOTAL	TOTAL MF		ZINC	
SAMPLE		FILTERED	PARTIC.	MG/L	MF	BCKGRD		UNF.TOT.	
DATE	HOUR	NUMBER	MG/L	MG/L	CNT	CNT	TURB'ITY	MG/L	
YYMMDD	LMT			AS SO4	/100ML	/100ML	FTU	AS ZN	
820107	1040	49002	400	17.7	70.0	3500<=>	30000>	17.30	0.009
820204	1045	49043	646	4.3	122.0	1100	3300	4.30	0.016
820323	0955	49084	291	161.0	36.0	1200	17000	81.00	0.027
820405	1420	49125	224.0	134.000	25.5	25000	31000	107.00	0.016U
820518	1010	49166	454.0	12.200	101.0	1200	18000	11.10	0.005
820608	1015	49207	429.0	35.400	71.5	1300	23500	26.00	0.008
820713	1040	49248	511.0	31.500	102.0	100<=>	62000	24.00	0.009
820818	1040	49289	444.0	34.100	87.5	1800<=>	86000	27.00	0.011
820929	1035	49330	418.0	33.400	54.1	1800	18000	21.00	0.006
821026	1045	49371	469.0	8.230	88.1	220	1800	2.60	0.008
821122	1045	49412	511.0	17.800	61.00	8700	10100	17.50	0.012
821214	1043	49453	420.0	16.700	46.62	410<=>	6100	8.60	0.007
MAXIMUM		646	161.0	122.0	25000	86000	107.00	0.027	
ARITH MEAN		435	42.2	72.1	3861	25164	28.95	0.011	
GEOM MEAN		421	25.1	66.0	1375		17.77	0.010	
MINIMUM		224.0	4.3	25.5	100	1800	2.60	0.005	
STD DEV (GEOM *)		106	50.6	29.1	4*		31.91	0.006	
# SAMP IN STATISTICS		12	12	12	12	11	12	12	
% SAMP (EXCLUDED)						8			

B.O.W./ SITE: FAIRCHILD CREEK

SAMPLE POINT: LOT G SOUTH OF HAMILTON RD.BRANTFORD TWP

STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES

MINOR BASIN: LAKE ERIE

TERM STREAM: GRAND RIVER

STATION ID: 16-0184-093-02

STORET CODE: 02

003

0150

LAT: 43 08 50.15 LONG: 080 09 16.32

U T M: 17 0568750.0 4777300.0 4

REGION: 02

DISTANCE: 80.626

*INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	CLIDUR	COND25	CUUT	DO	FCMF	FEUT	FSMF
									FECAL	IRON	FECAL
				ALK	CHLORIDE	CONDUCT.	COPPER	DISOLVED	COLIFORM	UNF.TOT.	STREPCUS
				TOTAL	UNF.REAC	25C	UNF.TOT.	OXYGEN	MF	MG/L	MF
				MG/L	MG/L	UMHO/CM	MG/L	MG/L	CNT	MG/L	CNT
				AS CAC03	AS CL	AT 25 C	AS CU	AS O	/100ML	AS FE	/100ML
SAMPLE		SAMPLE	PROJECT								
DATE	HOUR	DEPTH	SUB-PROJ								
YYMMDD	LMT	M	CODE								
820107	1010	49001	0101	155	22.50	450	0.006	12.00	2300	1.50	15000>
820204	1010	49042	0101	281	30.50	710	0.006	11.90	400<=>	0.45	200<=>
820323	0925	49083	0101	135	15.00	330	0.008	14.20	20<	6.000	900
820405	1525	49124	0101	163	26.50	445	0.008U	10.60	20<=>	2.850	40<=>
820518	0935	49165	0101	256.0	28.60	610.0	0.014	8.80	80<=>	2.155	20<=>
820608	0935	49206	0101	257.9	31.00	633.0	0.015U	9.10	1060	4.305	540
820713	1000	49247	0101	236.4	29.20	582.0	0.013	7.40	160<=>	3.175	280
820818	1005	49288	0101	216.9	28.10	553.0	0.006	7.90	100<=>	1.820	260
820929	0955	49329	0101	229.6	29.80	609.0	0.006	9.70	3200	3.250	2600
821026	1000	49370	0101	271.6	29.00	665.0	0.007	11.80	20<=>	0.465	40<=>
821122	1007	49411	0101	238.7	32.50	587.0	0.018	10.90	1100	3.700	3900
821214	0957	49452	0101	282.6	24.20	656.0	0.010	14.40	40<=>	0.600	20<=>
MAXIMUM		0.30		282.6	32.50	710	0.018	14.40	3200	6.000	3900
ARITH MEAN		0.30		227	27.24	569	0.010	10.72	771	2.52	800
GEOM MEAN				221	26.76	558	0.009	10.51		1.89	
MINIMUM		0.30		135	15.00	330	0.006	7.40	20	0.45	20
STD DEV (GEOM *)				50	4.77	109	0.004	2.26		1.70	
# SAMP IN STATISTICS		12		12	12	12	12	12	11	12	11
% SAMP (EXCLUDED)									8		8

*INTERIM TEST-NAME:		FWSTRC	FWTEMP	NNHTFR	NNOTFR	NN02FR	NN03FR	NNTKUR	PBUT	PH	PHNOL
				NH3-N				K'DAHL N			
				TOTAL	NO2+NO3N	NO2-N	NO3-N	TOTAL	LEAD		PHENOLS
				FIL.REAC	FIL.REAC	FIL.REAC	FIL.REAC	FIL.TOT.	UNF.TOT.		UNF-REAC
				MG/L	MG/L	MG/L	MG/L	MG/L	MG/L		UG/L
				AS N	AS N	AS N	AS N	AS N	AS PB	PH	PHENOL
SAMPLE		STREAM	WATER								
DATE	HOUR	COND.	TEMP								
YYMMDD	LMT		DEG.C								
820107	1010	49001	8 6	0.0	0.430	2.600	0.076	2.520	1.28	0.009	7.48
820204	1010	49042	4	0.0	0.084	2.250	0.166	2.080	0.36	0.003<	8.13
820323	0925	49083	3	0.5	0.318	1.250	0.0070	1.240	1.20	0.003<	7.63
820405	1525	49124	3	2.2	0.004	1.900	0.0040	1.895	0.75	0.003<	8.26
820518	0935	49165	8 6	17.0	0.004<T	0.950	0.0030	0.945	0.65	0.003<	8.04
820608	0935	49206	8 6	14.5	0.006	3.700	0.0050	3.695	1.18	0.003<	8.15
820713	1000	49247	8 6	20.5	0.004<T	0.900	0.0045	0.895	0.58	0.003<	8.12
820818	1005	49288	8 6	18.2	0.002<T	0.755	0.0055	0.750	0.45	0.003<	8.20
820929	0955	49329	8 6	14.5	0.004<T	2.160	0.0040	2.160	0.90	0.003<	8.15
821026	1000	49370	8 6	6.0	0.024	1.050	0.0150	1.040	0.53	0.003<	8.43
821122	1007	49411	9	8.0	0.002<T	0.250	0.0010<T	0.249	0.775	0.006	8.59
821214	0957	49452	8 6	0.5	0.006	2.150	0.0010<T	2.150	0.560	0.009	8.33

(C O N T D)

STATION ID: 16-0184-093-02

STORET CODE: 02
003
015

[illegible]

MAXIMUM	20.5	0.430	3.700	0.166	3.695	1.28	0.009	8.59	0.8
ARITH MEAN	8.5	0.074<A	1.660	0.024 <A	1.635	0.77	0.008	8.13	0.7<A
GEOM MEAN		0.012<A	1.361	0.007 <A	1.344	0.71		8.12	0.7<A
MINIMUM	0.0	0.002	0.250	0.0010	0.249	0.36	0.006	7.48	0.6
STD DEV (GEOM *)		0.144<A	0.971	0.049 <A	0.957	0.31		0.31	0.1<A
# SAMP IN STATISTICS	12	12	12	12	12	12	3	12	2
% SAMP (EXCLUDED)							75		

*INTERIM		TEST-NAME:	PP04FR	PPUT	RSF	RSP	TCMF	TCMFBK	TURB	ZNUT
			P04	PHOSPHOR			COLIFORM	COLIFORM		ZINC
SAMPLE			FIL.REAC	UNF.TOT.	RESIDUE	RESIDUE	TOTAL	TOTAL MF		UNF.TOT.
DATE	HOURL	SAMPLE	MG/L	MG/L	FILTERED	PARTIC.	MF	BCKGRD		MG/L
YYMMDD	LMT	NUMBER	AS P	AS P	MG/L	MG/L	CNT	CNT	TURB'ITY	AS ZN
							/100ML	/100ML	FTU	
820107	1010	49001	0.118	0.215	291	36.3	64000<=>	820000	24.00	0.008
820204	1010	49042	0.024	0.039	469	10.2	3000<=>	6000<=>	8.70	0.008
820323	0925	49083	0.084	0.312	215	156.0	2600	25000	110.00	0.016
820405	1525	49124	0.0430	0.160	302.0	65.400	6600	23000	58.00	0.005U
820518	0935	49165	0.0280	0.120	381.0	53.100	1300	28000	46.00	0.007
820608	0935	49206	0.0540	0.225	455.0	113.000	13000	190000	67.00	0.015U
820713	1000	49247	0.0430	0.137	366.0	70.700	5500<=>	35000	51.00	0.009
820818	1005	49288	0.0280	0.092	344.0	47.100	1500<=>	86000	38.00	0.006
820929	0955	49329	0.0895	0.200	407.0	88.100	21000	44000	52.00	0.010
821026	1000	49370	0.3500	0.405	427.4	15.300	700<=>	78000	6.80	0.006
821122	1007	49411	0.0010<T	0.195	505.0	97.800	98000	55000	102.00	0.014
821214	0957	49452	0.0210	0.052	466.0	12.200	1580<=>	12400	11.40	0.002

MAXIMUM	0.3500	0.405	505.0	156.0	98000	820000	110.00	0.016
ARITH MEAN	0.074 <A	0.179	386	63.8	18232	116867	47.91	0.009
GEOM MEAN	0.039 <A	0.149	376	47.2	5644	46643	34.91	0.008
MINIMUM	0.0010	0.039	215	10.2	700	6000	6.80	0.002
STD DEV (GEOM *)	0.093 <A	0.105	86	44.5	5*	4*	33.72	0.004
# SAMP IN STATISTICS	12	12	12	12	12	12	12	12
% SAMP (EXCLUDED)								

B.O.W./ SITE: BOSTON CREEK
 SAMPLE POINT: AT FIRST CONC.ROAD EAST OF HIGHWAY NO.6
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STATION ID: 16-0184-095-02

STORET CODE: 02
 003
 0150

LAT: 43 01 18.26 LONG: 079 56 55.86

U T M: 17 0585650.0 4763550.0 4

REGION: 02

DISTANCE: 49.245

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	BOD5	CLIDUR	COD	COND25	CUUT	DO	DOC
				ALK	5 DAY	CHLORIDE	CHEM. OX	CONDUCT.	COPPER	DISOLVED	DISSOLVED
				TOTAL	TOT. DEM.	UNF. REAC	DEMAND	25C	UNF. TOT.	OXYGEN	ORGANIC
SAMPLE		SAMPLE	PROJECT	MG/L	MG/L	MG/L	MG/L	UMHO/CM	MG/L	MG/L	MG/L
DATE	HR	DEPTH	SUB-PROJ	AS CAC03	AS O	AS CL	AS O	AT 25 C	AS CU	AS O	AS C
YYMMDD	LMT	NUMBER	CODE								
820107	1100	49004	0101	99		11.50	15	430	0.008	12.10	8.2
820204	1120	49045	0101	244	1.2	22.00	18	1760	0.018	11.90	3.5
820323	1110	49086	0101	92	0.6	6.80	12	355	0.004	14.00	5.8
820405	1445	49127	0101	122	0.6	13.00	8	475	0.009U	10.60	6.2
820518	1035	49168	0101	154.2	0.01<T	23.20	10	1730.0	0.020	11.60	5.0
820608	1035	49209	0101	136.4	1.41	22.00	38	642.0	0.002	8.60	5.9
820713	1105	49250	0101	174.4	0.11<T	27.20	16	1870.0	0.005	11.90	4.3
820818	1106	49291	0101	131.3		28.40	8	2180.0	0.040	10.00	3.0
820929	1100	49332	0101	144.8	0.36	24.60	21.2	1330.0	0.012	10.90	5.6
821026	1109	49373	0101	170.1		30.10	20.8	1960.0	0.025	12.40	3.8
821122	1108	49414	0101	142.9	1.03	19.90	25.6	785.0	0.021	11.10	7.0
821214	1105	49455	0101	205.8		22.20	14.8	1069.0	0.019	13.80	5.7

MAXIMUM	0.30	244	1.41	30.10	38	2180.0	0.040	14.00	8.2
ARITH MEAN	0.30	151	0.7 <A	20.91	17	1215	0.015	11.57	5.3
GEOM MEAN		146	0.4 <A	19.42	16	1020	0.011	11.48	5.1
MINIMUM	0.30	92	0.01	6.80	8	355	0.002	8.60	3.0
STD DEV (GEOM *)		43	0.5 <A	7.10	8	669	0.011	1.51	1.5
# SAMP IN STATISTICS	12	12	8	12	12	12	12	12	12
% SAMP (EXCLUDED)									

*=INTERIM TEST-NAME:		FCMF	FEUT	FSMF	FWSTRC	FWTEMP	NNHTFR	NNOTFR	NN02FR	NN03FR	NNTKUR	
		FECAL	IRON	FECAL			NH3-N				K'DAHL N	
		COLIFORM	UNF. TOT.	STREPCUS			TOTAL	NO2+NO3N	NO2-N	NO3-N	TOTAL	
		MF	MG/L	MF		WATER	FIL. REAC	FIL. REAC	FIL. REAC	FIL. REAC	FIL. TOT.	
SAMPLE		CNT	AS FE	CNT	STREAM	TEMP	MG/L	MG/L	MG/L	MG/L	MG/L	
DATE	HR				COND.	DEG.C	AS N	AS N	AS N	AS N	AS N	
YYMMDD	LMT	/100ML		/100ML								
820107	1100	49004	220	3.60	4500	8 6	0.0	0.002<W	2.500	0.044	2.460	0.92
820204	1120	49045	10<=>	0.95	10<=>	4	0.0	0.004	0.920	0.075	0.845	0.75
820323	1110	49086	40<=>	2.750	80<=>	3	1.0	0.052	1.500	0.060	1.440	0.78
820405	1445	49127	10<	3.450	50<=>	3	3.8	0.010	2.650	0.0110	2.640	0.95
820518	1035	49168	40<=>	0.040	10<	7	18.0	0.028	0.010<T	0.0020	0.010	0.44
820608	1035	49209	340	1.235	360	8 6	14.5	0.006<T	10.000	0.0500	9.950	1.58
820713	1105	49250	90<=>	0.105	60<=>	5	22.0	0.030	0.005<T	0.0030<T	0.005<W	0.40
820818	1106	49291	150	0.104	100	5	19.5	0.028	0.040	0.0025	0.038	0.29
820929	1100	49332	280	0.145	190	5	15.5	0.010	4.180	0.0480	4.13	0.72
821026	1109	49373	50<=>	0.080	40<=>	5	6.0	0.004<T	0.005<W	0.0010<T	0.005<W	0.33
821122	1108	49414	530	3.650	1330	9	7.5	0.018	2.470	0.0140	2.460	0.850
821214	1105	49455	30<=>	0.545	40<=>	8 6	0.5	0.002<T	4.000	0.0020<T	4.000	0.670

(C O N T D)

B.O.W./ SITE: BOSTON CREEK

SAMPLE POINT: AT FIRST CONC.ROAD EAST OF HIGHWAY NO.6

STATION TYPE: RIVER

STATION ID: 16-0184-095-02

MAJOR BASIN: GREAT LAKES

MINOR BASIN: LAKE ERIE

TERM STREAM: GRAND RIVER

STORET CODE: 02

003

0150

LAT: 43 01 18.26

LONG: 079 56 55.86

U T M: 17 0585650.0 4763550.0 4

REGION: 02

DISTANCE: 49.245

*=INTERIM TEST-NAME:		FCMF FECAL COLIFORM	FEUT IRON	FSMF FECAL STREPCUS	FWSTRC	FWTEMP	NNHTFR NH3-N TOTAL	NNOTFR	NNO2FR	NNO3FR	NNTKUR K'DAHL N TOTAL
SAMPLE DATE	HOUR	MF CNT	UNF.TOT. MG/L	MF CNT	STREAM COND.	WATER TEMP DEG.C	FIL.REAC MG/L	FIL.REAC MG/L	FIL.REAC MG/L	FIL.REAC MG/L	FIL.TOT. MG/L
YYMMDD	LMT	SAMPLE NUMBER	AS FE	/100ML			AS N	AS N	AS N	AS N	AS N
		MAXIMUM	530	3.650	4500	22.0	0.052	10.000	0.075	9.950	1.58
		ARITH MEAN	162	1.39	615	9.0	0.016<A	2.357<A	0.026 <A	2.33 <A	0.72
		GEOM MEAN		0.52			0.010<A	0.428<A	0.011 <A	0.42 <A	0.65
		MINIMUM	10	0.040	10	0.0	0.002	0.005	0.0010	0.005	0.29
		STD DEV (GEOM *)		1.52			0.015<A	2.849<A	0.027 <A	2.84 <A	0.35
		# SAMP IN STATISTICS	11	12	11	12	12	12	12	12	12
		% SAMP (EXCLUDED)	8		8						

*=INTERIM TEST-NAME:		PBUT	PH	PHNOL	PP04FR	PPUT	RSF	RSP	SS04UR	TCMF COLIFORM	TCMFBK COLIFORM	
SAMPLE DATE	HOUR	LEAD UNF.TOT. MG/L		PHENOLS UNF-REAC UG/L	P04 FIL.REAC MG/L	PHOSPHOR UNF.TOT. MG/L	RESIDUE FILTERED MG/L	RESIDUE PARTIC. MG/L	SULPHATE UNF.REAC MG/L	TOTAL MF CNT	TOTAL MF BCKGRD CNT	
YYMMDD	LMT	AS PB	PH	PHENOL	AS P	AS P			AS S04	/100ML	/100ML	
820107	1100	49004	0.003<	7.46	1 <T	0.070	0.170	307	18.5	100.0	18000<=>	620000
820204	1120	49045	0.003<	7.84	1 <T	0.028	0.205	1595	109.0	843.0	400<=>	2200
820323	1110	49086	0.003<	7.74	1	0.045	0.148	231	51.3	67.0	1020<=>	5000
820405	1445	49127	0.003<	8.25	1 <T	0.0510	0.170	347.0	39.200	95.0	6200	16500
820518	1035	49168	0.007	8.14	0.2<W	0.0005<T	0.016	1572.0	10.900	935.0	180<=>	4200
820608	1035	49209	0.003<	7.99	0.2<T	0.0640	0.143	521.0	25.400	142.0	5600<=>	63000
820713	1105	49250	0.006	8.22	1.0	0.1150	0.133	1759.0	1.700	1070.0	220<=>	10400
820818	1106	49291	0.003<	8.07	1.4	0.0010<T	0.010	2183.0	3.400	1220.0	440<=>	16400
820929	1100	49332	0.003<	8.27	1.2	0.0040	0.019	1158.0	5.600	586.0	2300	20000
821026	1109	49373	0.015	8.19	1.4			1811.0	5.700	1021.0	180<=>	2600
821122	1108	49414	0.010	8.29	0.2<T	0.0415	0.123	671.0	51.700	243.80	49000	220000
821214	1105	49455	0.012	8.61	1.2	0.0275	0.061	890.0	22.200	371.90	600<=>	6000
		MAXIMUM	0.015	8.61	1.4	0.1150	0.205	2183.0	109.0	1220.0	49000	620000
		ARITH MEAN	0.010	8.09	1 <A	0.041 <A	0.109	1087	28.7	557.9	7012	82192
		GEOM MEAN		8.08	1 <A	0.018 <A	0.074	856	15.8	361.9	1394	16288
		MINIMUM	0.006	7.46	0.2	0.0005	0.010	231	1.700	67.0	180	2200
		STD DEV (GEOM *)		0.30	0 <A	0.035 <A	0.070	681	30.9	438.0	7*	6*
		# SAMP IN STATISTICS	5	12	12	11	11	12	12	12	12	12
		% SAMP (EXCLUDED)	58									

(C O N T D)

B.O.W./ SITE: BOSTON CREEK
SAMPLE POINT: AT FIRST CONC.ROAD EAST OF HIGHWAY NO.6
STATION TYPE: RIVER

STATION ID: 16-0184-095-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

LAT: 43 01 18.26 LONG: 079 56 55.86

U T M: 17 0585650.0 4763550.0 4

REGION: 02

DISTANCE: 49.245

*=INTERIM TEST-NAME:		TURB	ZNUT
			ZINC
SAMPLE			UNF.TOT.
DATE	HOUR	SAMPLE	TURB'ITY
YYMMDD	LMT	NUMBER	FTU
			MG/L
			AS ZN
820107	1100	49004	57.00
820204	1120	49045	46.00
820323	1110	49086	53.00
820405	1445	49127	70.00
820518	1035	49168	4.20
820608	1035	49209	22.00
820713	1105	49250	1.82
820818	1106	49291	1.80
820929	1100	49332	2.80
821026	1109	49373	1.19
821122	1108	49414	63.00
821214	1105	49455	8.80
MAXIMUM		70.00	0.017
ARITH MEAN		27.63	0.007
GEOM MEAN		11.52	0.005
MINIMUM		1.19	0.002
STD DEV (GEOM *)		27.76	0.006
# SAMP IN STATISTICS		12	12
% SAMP (EXCLUDED)			

B.O.W./ SITE: MCKENZIE CREEK

STATION ID: 16-0184-096-02

SAMPLE POINT: AT FIRST CONC.ROAD EAST OF HIGHWAY NO.6

STATION TYPE: RIVER FLOW GAUGE FED 02GB010

MAJOR BASIN: GREAT LAKES

MINOR BASIN: LAKE ERIE

TERM STREAM: GRAND RIVER

STORET CODE: 02

003

0150

LAT: 43 02 02.08

LONG: 079 57 01.74

U T M: 17 0585500.0 4764900.0 4

REGION: 02

DISTANCE: 49.888

*INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	BOD5	CLIDUR	COD	COND25	CUUT	DO	DOC	
					BOD						CARBON	
				ALK	5 DAY	CHLORIDE	CHEM. OX	CONDUCT.	COPPER	DISOLVED	DISOLVED	
				TOTAL	TOT.DEM.	UNF.REAC	DEMAND	25C	UNF.TOT.	OXYGEN	ORGANIC	
SAMPLE		SAMPLE	PROJECT	MG/L	MG/L	MG/L	MG/L	UMHO/CM	MG/L	MG/L	MG/L	
DATE	HR	DEPTH	SUB-PROJ	AS CACO3	AS O	AS CL	AS O	AT 25 C	AS CU	AS O	AS C	
YYMMDD	LMT	NUMBER	CODE									
820107	1050	49003	0.30	0101	104		8.95	15	350	0.009	12.00	7.0
820204	1110	49044	0.30	0101	246	1.4	19.00	16	830	0.011	10.20	3.0
820323	1105	49085	0.30	0101	93	0.8	5.80	16	268	0.008	14.60	5.4
820405	1430	49126	0.30	0101	108	0.2	7.90	4	320	0.007	10.90	5.6
820518	1022	49167	0.30	0101	187.8	0.64	15.60	21	699.0	0.013	9.10	4.8
820608	1027	49208	0.30	0101	137.4	1.25	11.60	36	438.0	0.007U	8.30	10.2
820713	1055	49249	0.30	0101	233.1	1.76	15.00	24	812.0	0.017	7.80	5.7
820818	1055	49290	0.30	0101	183.9		16.10	20	701.0	0.011	8.70	5.5
820929	1050	49331	0.30	0101	148.1	1.96	17.40	28.4	531.0	0.006	9.30	4.4
821026	1100	49372	0.30	0101	213.3		16.70	23.8	681.0	0.009	11.80	5.3
821122	1058	49413	0.30	0101	173.1	2.51	16.00		557.0	0.016	10.90	6.1
821214	1055	49454	0.30	0101	200.4		17.70	20.9	630.0	0.014	14.00	5.4
MAXIMUM		0.30			246	2.51	19.00	36	830	0.017	14.60	10.2
ARITH MEAN		0.30			169	1.3	13.98	20	568	0.011	10.63	5.7
GEOM MEAN					161	1.1	13.20	18	535	0.010	10.44	5.5
MINIMUM		0.30			93	0.2	5.80	4	268	0.006	7.80	3.0
STD DEV (GEOM *)					51	0.8	4.32	8	190	0.004	2.17	1.7
# SAMP IN STATISTICS		12			12	8	12	11	12	12	12	12
% SAMP (EXCLUDED)												

*INTERIM TEST-NAME:		FCMF	FEUT	FSMF	FWFLOW	FWSTRC	FWTEMP	NNHTFR	NNOTFR	NNO2FR	NNO3FR	
		FECAL		FECAL				NH3-N				
		COLIFORM	IRON	STREPCUS	STREAM		WATER	TOTAL	N02+N03N	N02-N	N03-N	
		MF	UNF.TOT.	MF	FLOW		TEMP	FIL.REAC	FIL.REAC	FIL.REAC	FIL.REAC	
SAMPLE		CNT	MG/L	CNT	M3	STREAM	DEG.C	MG/L	MG/L	MG/L	MG/L	
DATE	HR	/100ML	AS FE	/100ML	/S	COND.		AS N	AS N	AS N	AS N	
YYMMDD	LMT	NUMBER										
820107	1050	49003	190	2.45	1340	1.300	8 6	0.0	0.004	1.500	0.026	1.470
820204	1110	49044	10<	0.31	140<=>	0.498	4	0.0	0.054	2.650	0.043	2.610
820323	1105	49085	20<	2.450	40<=>	13.600	3	1.0	0.028	1.050	0.034	1.020
820405	1430	49126	10<	3.500	30<=>	9.930	3	3.2	0.010	1.250	0.0130	1.235
820518	1022	49167	100<=>	3.290	20<=>	0.823	8 6	17.5	0.002<T	0.220	0.0110	0.210
820608	1027	49208	240	4.140	670	2.800	8 6	15.0	0.006	3.000	0.0090	2.990
820713	1055	49249	100	5.390	530	0.283	8 6	20.5	0.008	0.055	0.0040	0.050
820818	1055	49290	130	3.477	350	0.285	8 6	18.5	0.004	0.200	0.0075	0.190
820929	1050	49331	140<=>	3.750	360	1.150	8 6	15.0	0.004<T	1.500	0.0025	1.500
821026	1100	49372	20<	0.795	60<=>	0.447	8 6	5.8	0.016	0.455	0.0030	0.452
821122	1058	49413	180<=>	3.720	660	1.600	9	7.5	0.006	1.790	0.0090	1.780
821214	1055	49454	10<	0.645	20<=>	1.400	8 6	1.0	0.002<T	2.850	0.0025	2.850

(C O N T D)

B.O.W./ SITE: MCKENZIE CREEK
 SAMPLE POINT: AT FIRST CONC.ROAD EAST OF HIGHWAY NO.6
 STATION TYPE: RIVER FLOW GAUGE FED 02GB010

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STATION ID: 16-0184-096-02

STORET CODE: 02
 003
 0150

LAT: 43 02 02.08 LONG: 079 57 01.74 U T M: 17 0585500.0 4764900.0 4 REGION: 02 DISTANCE: 49.888

*=INTERIM TEST-NAME:		FCMF FECAL COLIFORM	FEUT IRON UNF.TOT.	FSMF FECAL STREPCUS	FWFLOW STREAM FLOW	FWSTRC STREAM COND.	FWTEMP WATER TEMP	NNHTFR NH3-N TOTAL	NNOTFR NO2+NO3N FIL.REAC	NNO2FR NO2-N FIL.REAC	NNO3FR NO3-N FIL.REAC
DATE	HOUR	SAMPLE NUMBER	CNT MG/L	CNT MG/L	M3 /S		DEG.C	MG/L AS N	MG/L AS N	MG/L AS N	MG/L AS N
YYMMDD	LMT		/100ML	AS FE	/100ML						
		MAXIMUM	240	5.390	1340	13.600	20.5	0.054	3.000	0.043	2.990
		ARITH MEAN	154	2.83	352	2.843	8.7	0.012<A	1.377	0.014	1.363
		GEOM MEAN		2.19	153	1.276		0.007<A	0.845	0.009	0.825
		MINIMUM	100	0.31	20	0.283	0.0	0.002	0.055	0.0025	0.050
		STD DEV (GEOM *)		1.55	5*	4.298		0.015<A	1.048	0.013	1.045
		# SAMP IN STATISTICS	7	12	12	12	12	12	12	12	12
		% SAMP (EXCLUDED)	41								

*=INTERIM TEST-NAME:		NNTKUR K'DAHL N TOTAL	PBUT LEAD UNF.TOT.	PH	PHNOL PHENOLS UNF-REAC	PP04FR P04 FIL.REAC	PPUT PHOSPHOR UNF.TOT.	RSF RESIDUE FILTERED	RSP RESIDUE PARTIC.	RST RESIDUE TOTAL	SS04UR SULPHATE UNF.REAC
DATE	HOUR	SAMPLE NUMBER	MG/L AS N	MG/L AS PB	PH	UG/L PHENOL	MG/L AS P	MG/L AS P	MG/L	MG/L	MG/L AS SO4
YYMMDD	LMT										
820107	1050	49003	0.65	0.003<	7.55	1 <T	0.065	0.122	228	16.7	61.0
820204	1110	49044	0.41	0.007	7.89	1 <T	0.024	0.073	600	7.2	178.0
820323	1105	49085	0.60	0.003<	7.63	1	0.039	0.112	174	38.2	30.0
820405	1430	49126	0.55	0.003<	8.18	1	0.0410	0.110	208.0	33.700	39.0
820518	1022	49167	0.75	0.003<	8.10	0.2<W	0.0330	0.178	527.0	85.600	178.0
820608	1027	49208	1.13	0.003<	7.72	0.2<T	0.0460	0.190	343.0	40.400	69.0
820713	1055	49249	1.10	0.003<	8.00	2.0	0.1550	0.352	611.0	122.000	208.0
820818	1055	49290	0.90	0.003<	8.12	0.4<T	0.0340	0.062	530.0	77.100	174.0
820929	1050	49331	0.75	0.005	8.23	1.0	0.0660	0.173		88.900	465.0
821026	1100	49372	0.65	0.003<	8.39	0.8	0.1500	0.435	457.0	7.900	136.3
821122	1058	49413	0.650	0.005	8.21	0.2<T	0.0365	0.130	492.0	66.100	96.00
821214	1055	49454	0.570	0.007	8.37	0.2<T	0.0190	0.046	481.0	12.200	112.10
		MAXIMUM	1.13	0.007	8.39	2.0	0.1550	0.435	611.0	122.000	465.0
		ARITH MEAN	0.73	0.006	8.03	1 <A	0.059	0.165	423	49.7	115.5
		GEOM MEAN	0.70		8.03	1 <A	0.048	0.135	390	34.5	98.8
		MINIMUM	0.41	0.005	7.55	0.2	0.0190	0.046	174	7.2	465.0
		STD DEV (GEOM *)	0.22		0.28	1 <A	0.046	0.117	158	37.7	59.6
		# SAMP IN STATISTICS	12	4	12	12	12	12	11	12	1
		% SAMP (EXCLUDED)		66							

(C O N T D)

B.O.W./ SITE: MCKENZIE CREEK

STATION ID: 16-0184-096-02

SAMPLE POINT: AT FIRST CONC. ROAD EAST OF HIGHWAY NO.6

STATION TYPE: RIVER FLOW GAUGE FED 02GB010

MAJOR BASIN: GREAT LAKES

STORET CODE: 02

MINOR BASIN: LAKE ERIE

003

TERM STREAM: GRAND RIVER

0150

LAT: 43 02 02.08

LONG: 079 57 01.74

U T M: 17 0585500.0 4764900.0 4

REGION: 02

DISTANCE: 49.888

INTERIM TEST-NAME:		TCMF	TCMFBK	TURB	ZNUT	
		COLIFORM	COLIFORM		ZINC	
		TOTAL	TOTAL MF		UNF.TOT.	
		MF	BCKGRD		MG/L	
SAMPLE		CNT	CNT	TURB'ITY	AS ZN	
DATE	HOUR			FTU		
YYMMDD	LMT	NUMBER	/100ML	/100ML		
820107	1050	49003	13000<=>	870000	43.00	0.011
820204	1110	49044	200<=>	2000	7.50	0.010
820323	1105	49085	780	4000	48.00	0.008
820405	1430	49126	3600	6500	70.00	0.003<
820518	1022	49167	300<=>	20000	63.00	0.011
820608	1027	49208	3900<=>	60000	67.00	0.014U
820713	1055	49249	1000<=>	66000	93.00	0.014
820818	1055	49290	1000<=>	31000	68.00	0.009
820929	1050	49331	2700	20000	66.00	0.010
821026	1100	49372	460	4200	12.40	0.005
821122	1058	49413	8500	21000	66.00	0.018
821214	1055	49454	360<=>	4900	12.00	0.005
MAXIMUM		13000	870000	93.00	0.018	
ARITH MEAN		2983	92467	51.32	0.010	
GEOM MEAN		1336	17723	40.37		
MINIMUM		200	2000	7.50	0.005	
STD DEV (GEOM *)		4*	5*	27.37		
# SAMP IN STATISTICS		12	12	12	11	
% SAMP (EXCLUDED)					8	

B.O.W./ SITE: BRANTFORD WATER WORKS CANAL
 SAMPLE POINT: AT WATER WORKS PARK FOOT BRIDGE
 STATION TYPE: RIVER

STATION ID: 16-0184-097-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 43 08 22.83 LONG: 080 17 50.18

U T M: 17 0557150.0 4776350.0 4

REGION: 02

DISTANCE: 107.018

*INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	ASUT	BOD5	CAUR	CDUT	CLIDUR	COD	COLAP
				ALK	ARSENIC	5 DAY	CALCIUM	CADMIUM	CHLORIDE	CHEM. OX	COLOUR
SAMPLE DATE	YHMD	TIME	DEPTH	PROJECT	TOTAL	TOT.DEM.	UNF.REAC	UNF.TOT.	UNF.REAC	DEMAND	APPARENT
YYMMDD	LMT	NUMBER	M	SUB-PROJ CODE	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	HZU
				AS CAC03	AS AS	AS O	AS CA	AS CD	AS CL	AS O	
820107	1220	49007	0.30	0101	213	0.001<	2.0	82.0	0.0001	67.00	19.5
820204	1245	49048	0.30	0101	259	0.001<	2.0	97.0	0.0020	63.00	6.0
820323	1207	49089	0.30	0101	160	0.001<	2.2	54.0	0.0002<	32.00	31.3
820405	1325	49130	0.30	0101	125	0.001<	1.0	43.0	0.0002U	16.00	10.4
820518	1152	49171	0.30	0101	174.1	0.001<	0.44<T	68.0	0.0002<	48.00	8.0
820608	1146	49212	0.30	0101	202.9	0.001<	0.95	73.7	0.0002<	37.40	35.2
820713	1225	49253	0.30	0101	171.2	0.001<	1.43	64.0	0.0002<	61.00	30.5
820818	1222	49294	0.30	0101	163.6	0.001<	1.01	61.3	0.0002<	47.30	24.1
820929	1230	49335	0.30	0101	230.3	0.001	0.75	77.7	0.0003	34.10	26.9
821026	1232	49376	0.30	0101	211.9	0.001<	0.78	80.7	0.0002<	49.30	20.7
821122	1234	49417	0.30	0101	221.3	0.001<	1.41	71.1	0.0004	31.70	28.1
821214	1235	49458	0.30	0101	223.0	0.001<	1.17	79.9	0.0002<	22.80	29.9
MAXIMUM		0.30			259	0.001	2.2	97.0	0.0020	67.00	35.2
ARITH MEAN		0.30			196	0.001	1.3 <A	71.0	0.0006	42.47	22.5
GEOM MEAN					193		1.1 <A	69.6		39.31	19.8
MINIMUM		0.30			125	0.001	0.44	43.0	0.0001	16.00	6.0
STD DEV (GEOM *)					38		0.6 <A	14.3		16.17	9.8
# SAMP IN STATISTICS		12			12	1	12	12	5	12	12
% SAMP (EXCLUDED)						91			58		

*INTERIM TEST-NAME:		COND25	CRUT	CUUT	DO	DOC	FCMF	FEUT	FSMF	FWSTRC	FWTEMP	
		CONDUCT.	CHROMIUM	COPPER	DIVOLVED	CARBON	FECAL	IRON	FECAL			
SAMPLE DATE	YHMD	25C	UNF.TOT.	UNF.TOT.	OXYGEN	DISOLVED	COLIFORM	UNF.TOT.	STREPCUS		WATER	
YYMMDD	LMT	UMHO/CM	MG/L	MG/L	MG/L	ORGANIC	MF	MG/L	MF	STREAM	TEMP	
		AT 25 C	AS CR	AS CU	AS O	AS C	/100ML	AS FE	/100ML	COND.	DEG.C	
820107	1220	49007	720	0.004	0.010	13.70	5.0	170	0.17	780	8	0.0
820204	1245	49048	865	0.009	0.014	15.00	4.4	90<=>	0.10	210	8	0.0
820323	1207	49089	495	0.005	0.009	14.20	5.3	20<	1.340	180<=>	8	2.0
820405	1325	49130	340	0.009U	0.008U	12.40	4.4	100<=>	4.250	260	3	2.5
820518	1152	49171	631.0	0.005	0.011	11.10	4.4	60<=>	0.730	40<=>	8	20.0
820608	1146	49212	589.0	0.003	0.012	10.10	5.5	220	0.505	40<=>	8	16.0
820713	1225	49253	638.0	0.002	0.006	9.40	5.1	20<=>	0.595	40<=>	8	24.0
820818	1222	49294	599.0	0.003	0.006	10.50	5.0	30<=>	0.656	50<=>	8	23.0
820929	1230	49335	612.0	0.003	0.005	10.60	5.5	210	0.490	50<=>	8	15.0
821026	1232	49376	683.0	0.002	0.008	12.80	4.8	10<	0.204	30<=>	8	9.0
821122	1234	49417	576.0	0.004	0.012	11.80	6.1	550	0.865	470	8	8.0
821214	1235	49458	566.0	0.007	0.009	14.90	5.8	30<=>	0.495	20<=>	8	1.0

(C O N T D)

B.O.W./ SITE: BRANTFORD WATER WORKS CANAL
 SAMPLE POINT: AT WATER WORKS PARK FOOT BRIDGE
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STATION ID: 16-0184-097-02

STORET CODE: 02
 003
 0150

LAT: 43 08 22.83 LONG: 080 17 50.18 U T M: 17 0557150.0 4776350.0 4 REGION: 02 DISTANCE: 107.018

*=INTERIM TEST-NAME:			COND25	CRUT	CUUT	DO	DOC	FCMF	FEUT	FSMF	FWSTRC	FWTEMP
			CONDUCT.	CHROMIUM	COPPER	DISOLVED	CARBON	FECAL	IRON	STREPCUS		WATER
			25C	UNF.TOT.	UNF.TOT.	OXYGEN	DISOLVED	COLIFORM	UNF.TOT.	MF		TEMP
SAMPLE	DATE	HOUR	UMHO/CM	MG/L	MG/L	MG/L	MG/L	MF	MG/L	CNT	STREAM	COND.
YYMMDD	LMT	NUMBER	AT 25 C	AS CR	AS CU	AS O	AS C	/100ML	AS FE	/100ML		DEG.C
		MAXIMUM	865	0.009	0.014	15.00	6.1	550	4.250	780		24.0
		ARITH MEAN	609	0.005	0.009	12.21	5.1	148	0.87	181		10.0
		GEOM MEAN	596	0.004	0.009	12.07	5.1		0.54	92		
		MINIMUM	340	0.002	0.005	9.40	4.4	20	0.10	20		0.0
		STD DEV (GEOM *)	126	0.002	0.003	1.93	0.6		1.12	3*		
		# SAMP IN STATISTICS	12	12	12	12	12	10	12	12		12
		% SAMP (EXCLUDED)						16				

*=INTERIM TEST-NAME:			HARDT	KKUR	MGUR	NAUR	NIUT	NNHTFR	NNOTFR	NNO2FR	NNO3FR	NNTKUR
			HARDNESS	POTASSIM	MAGNESIM	SODIUM	NICKEL	NH3-N	NO2+NO3N	NO2-N	NO3-N	K'DAHL N
			TOTAL	UNF.REAC	FIL.REAC	UNF.REAC	UNF.TOT.	TOTAL	FIL.REAC	FIL.REAC	FIL.REAC	TOTAL
SAMPLE	DATE	HOUR	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
YYMMDD	LMT	NUMBER	AS CACO3	AS K	AS MG	AS NA	AS NI	AS N	AS N	AS N	AS N	AS N
820107	1220	49007	287		20.00		0.006	0.330	3.350	0.310	3.040	0.92
820204	1245	49048	349		26.00		0.015	1.250	3.650	1.200	2.450	1.76
820323	1207	49089	190	4.50	13.50	18.0	0.004	0.004	4.200	0.002	4.200	0.98
820405	1325	49130	151		10.50		0.004U	0.004	2.750	0.0070	2.745	0.80
820518	1152	49171	254.0		20.50		0.003	0.010	2.000	0.0070	1.995	0.80
820608	1146	49212	258.0		18.00		0.002	0.004<T	2.950	0.0030	2.945	0.70
820713	1225	49253	248.0		21.40		0.004	0.080	1.250	0.0730	1.175	0.48
820818	1222	49294	236.0		20.20		0.004	0.004<T	1.450	0.0700	1.380	0.78
820929	1230	49335	276.0		19.90		0.003	0.004<T	3.200	0.0020	3.200	0.76
821026	1232	49376	299.0		23.80		0.007	0.006	2.500	0.0150	2.480	0.63
821122	1234	49417	255.0		18.70		0.006	0.014	2.990	0.0060	2.980	0.700
821214	1235	49458	280.0		19.60		0.002	0.004<T	3.450	0.0020	3.450	0.725
		MAXIMUM	349	4.50	26.00	18.0	0.015	1.250	4.200	1.200	4.200	1.76
		ARITH MEAN	257	4.50	19.34	18.0	0.005	0.143<A	2.812	0.141	2.670	0.84
		GEOM MEAN	252		18.87		0.004	0.015<A	2.658	0.016	2.524	0.80
		MINIMUM	151	4.50	10.50	18.0	0.002	0.004	1.250	0.002	1.175	0.48
		STD DEV (GEOM *)	51		4.11		0.004	0.361<A	0.883	0.345	0.852	0.32
		# SAMP IN STATISTICS	12	1	12	1	12	12	12	12	12	12
		% SAMP (EXCLUDED)										

(CONTD)

B.O.W./ SITE: BRANTFORD WATER WORKS CANAL
 SAMPLE POINT: AT WATER WORKS PARK FOOT BRIDGE
 STATION TYPE: RIVER

STATION ID: 16-0184-097-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 43 08 22.83 LONG: 080 17 50.18

U T M: 17 0557150.0 4776350.0 4

REGION: 02

DISTANCE: 107.018

*=INTERIM TEST-NAME:		PBUT	PH	PHNOL	PP04FR	PPUT	RSF	RSP	SS04UR	TCMF COLIFORM	TCMFBK COLIFORM	
		LEAD UNF.TOT. MG/L		PHENOLS UNF-REAC UG/L	P04 FIL.REAC MG/L	PHOSPHOR UNF.TOT. MG/L	RESIDUE FILTERED MG/L	RESIDUE PARTIC. MG/L	SULPHATE UNF.REAC MG/L	TOTAL MF CNT	TOTAL MF BCKGRD CNT	
SAMPLE DATE	HR YYMMDD LMT	SAMPLE NUMBER	AS PB	PH	PHENOL	AS P	AS P	MG/L	MG/L	AS S04	/100ML	/100ML
820107	1220	49007	0.006	8.35	1 <T	0.050	0.075	434	3.9	71.0	1700<=>	49000
820204	1245	49048	0.006	8.42	1 <T	0.220	0.315	564	2.8	100.0	1000	5900
820323	1207	49089	0.003<	7.43	1	0.190	0.325	312	44.2	36.5	820<=>	5400
820405	1325	49130	0.003<	7.89	1	0.0870	0.240	221.0	86.500	23.0	14100<=>	37000
820518	1152	49171	0.003<	8.42	0.2<W	0.0140	0.095	420.0	24.300	864.0	1800	27000
820608	1146	49212	0.003<	8.38	0.2<T	0.0300	0.100	407.0	16.000	57.3	2100	17500
820713	1225	49253	0.003<	8.33	0.6<T	0.0115	0.032	427.0	18.700	89.5	160<=>	11600
820818	1222	49294	0.006	8.55	0.8	0.0290	0.083	393.0	18.200	80.5	1900<=>	110000
820929	1230	49335	0.006	8.41	1.0	0.0610	0.111	409.0	19.300	48.5	1900	18000
821026	1232	49376	0.003<	8.55	0.6<T	0.0150	0.039	442.0	7.830	78.3	140<=>	2100
821122	1234	49417	0.013	8.20	-0.2<T	0.0495	0.113	447.0	34.100	44.68	5300	24000
821214	1235	49458	0.004	8.21	0.8	0.0620	0.105	375.0	14.800	38.90	480	4400
MAXIMUM		0.013	8.55	1	0.220	0.325	564	86.500	864.0	14100	110000	
ARITH MEAN		0.007	8.26	1 <A	0.068	0.136	404	24.2	127.7	2617	25992	
GEOM MEAN			8.26		0.045	0.108	396	16.5	70.1	1255	15086	
MINIMUM		0.004	7.43	-0.2	0.0115	0.032	221.0	2.8	23.0	140	2100	
STD DEV (GEOM *)			0.32		0.068	0.100	82	22.9	233.1	4*	3*	
# SAMP IN STATISTICS		6	12	12	12	12	12	12	12	12	12	12
% SAMP (EXCLUDED)		50										

*=INTERIM TEST-NAME:		TURB	ZNUT ZINC UNF.TOT. MG/L
SAMPLE DATE	HR YYMMDD LMT	SAMPLE NUMBER	TURB'ITY FTU
820107	1220	49007	5.40
820204	1245	49048	2.20
820323	1207	49089	36.00
820405	1325	49130	84.00
820518	1152	49171	18.70
820608	1146	49212	11.30
820713	1225	49253	13.40
820818	1222	49294	15.50
820929	1230	49335	1.73
821026	1232	49376	6.10
821122	1234	49417	4.10
821214	1235	49458	9.20

(C O N T D)

B.O.W./ SITE: BRANTFORD WATER WORKS CANAL
SAMPLE POINT: AT WATER WORKS PARK FOOT BRIDGE
STATION TYPE: RIVER

STATION ID: 16-0184-097-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

LAT: 43 08 22.83 LONG: 080 17 50.18

U T M: 17 0557150.0 4776350.0 4

REGION: 02

DISTANCE: 107.018

*=INTERIM TEST-NAME: TURB ZNUT
ZINC
SAMPLE UNF.TOT.
DATE HOUR SAMPLE TURB'ITY MG/L
YYMMDD LMT NUMBER FTU AS ZN

MAXIMUM	84.00	0.024
ARITH MEAN	17.30	0.011
GEOM MEAN	9.62	0.010
MINIMUM	1.73	0.006
STD DEV (GEOM *)	23.03	0.006
# SAMP IN STATISTICS	12	12
% SAMP (EXCLUDED)		

B.O.W./ SITE: BADEN CREEK

SAMPLE POINT: AT BLEAMS ROAD DOWNSTREAM FROM BADEN STP

STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES

MINOR BASIN: LAKE ERIE

TERM STREAM: GRAND RIVER

STATION ID: 16-0184-098-02

STORET CODE: 02

003

0150

LAT: 43 22 52.76 LONG: 080 39 57.85

U T M: 17 0527050.0 4803000.0 4

REGION: 02

DISTANCE: 205.025

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	BOD5	CLIDUR	COND25	CUUT	DO	FCMF	FSNF	
					BOD					FECAL	FECAL	
				ALK	5 DAY	CHLORIDE	CONDUCT.	COPPER	DISOLVED	COLIFORM	STREPCUS	
				TOTAL	TOT.DEM.	UNF.REAC	25C	UNF.TOT.	OXYGEN	MF	MF	
				MG/L	MG/L	MG/L	UMHO/CM	MG/L	MG/L	CNT	CNT	
				AS CAC03	AS O	AS CL	AT 25 C	AS CU	AS O	/100ML	/100ML	
SAMPLE	DATE HOUR	SAMPLE	DEPTH	PROJECT								
YYMMDD	LMT	NUMBER	M	SUB-PROJ								
				CODE								
820106	1045	49036	0.30	0101	197	2.0	42.00	580	0.006	12.20	1120	800
820217	1245	49077	0.30	0101	244	1.2	102.00	860	0.003	13.40	80<=>	10<=>
820302	1105	49118	0.30	0101	249	0.4	59.00	810		14.60	30<=>	190
820429	1055	49159	0.30	0101	239.7	0.85	2.35	668.0	0.003	12.00	180	310
820511	1055	49200	0.30	0101	222.9	0.60	36.10	608.0	0.026	16.20	1040	150
820609	1050	49241	0.30	0101	265.4	2.01	43.00	687.0	0.007	9.60	2800	5700
820708	1055	49282	0.30	0101	238.1	3.16	34.00	601.0	0.022	8.20	5100	2200
820812	1058	49323	0.30	0101	243.2	2.03	34.00	605.0	0.008	7.60	5600	1380
820922	1117	49364	0.30	0101	255.5	3.20	33.60	631.0	0.007	9.10	1300	3700
821007	1115	49405	0.30	0101	266.1	4.93	35.60	654.0	0.009	7.00	6200	4000
821123	1130	49446	0.30	0101	273.4	3.72	44.20	654.0	0.011	10.70	3900	5300
821215	1135	49487	0.30	0101	267.3	2.90	40.10	680.0	0.014	13.50	200	410
MAXIMUM		0.30			273.4	4.93	102.00	860	0.026	16.20	6200	5700
ARITH MEAN		0.30			247	2.2	42.16	670	0.011	11.17	2296	2012
GEOM MEAN					246	1.8	33.85	665	0.009	10.81	892	764
MINIMUM		0.30			197	0.4	2.35	580	0.003	7.00	30	10
STD DEV (GEOM *)					22	1.4	22.85	85	0.007	2.94	6*	7*
# SAMP IN STATISTICS		12			12	12	12	12	11	12	12	12
% SAMP (EXCLUDED)												

*=INTERIM TEST-NAME:		FWSTRC	FWTEMP	NNHTR	NNOTFR	NNO2FR	NNO3FR	NNTKUR	PBUT	PH	PP04FR	
				NH3-N				K'DAHL N				
				TOTAL	NO2+NO3N	NO2-N	NO3-N	TOTAL	LEAD		P04	
				FIL.REAC	FIL.REAC	FIL.REAC	FIL.REAC	FIL.TOT.	UNF.TOT.		FIL.REAC	
				MG/L	MG/L	MG/L	MG/L	MG/L	MG/L		MG/L	
				AS N	AS N	AS N	AS N	AS N	AS PB	PH	AS P	
SAMPLE	DATE HOUR	SAMPLE	STREAM									
YYMMDD	LMT	NUMBER	COND.									
820106	1045	49036	8 6	0.0	0.036	4.050	0.025	0.380	1.35	0.003<	7.73	0.120
820217	1245	49077	4	0.0	0.500	3.600	0.550	3.050	0.85	0.003<	7.88	0.320
820302	1105	49118	4	0.0	0.430	2.650	0.0330	2.620	0.81		8.16	0.0990
820429	1055	49159	8	9.2	0.002<T	3.200	0.0010<T	3.200	0.45	0.003<	8.18	0.1900
820511	1055	49200	8	12.0	0.004<T	2.500	0.0070	2.490	0.54	0.003<	8.38	0.0960
820609	1050	49241	8	15.0	0.004<T	4.600	0.0070	4.595	0.83	0.003<	8.08	0.2500
820708	1055	49282	8 6	20.0	0.006	2.600	0.0080	2.590	0.70	0.003<	8.04	1.0000
820812	1058	49323	8 6	14.5	0.004<T	2.700	0.0045	2.700	0.53	0.008	8.07	
820922	1117	49364	8 6	12.0	0.004<T	3.200	0.0070	3.190	0.55	0.003<	8.00	0.2850
821007	1115	49405	8 6	14.5	0.006	2.800	0.0085	2.790	0.70	0.025	7.79	0.3700
821123	1130	49446	8 6	6.5	0.006	3.990	0.0090	3.980	0.700	0.008	8.47	0.2750
821215	1135	49487	8 6	3.5	0.008	3.900	0.0015<T	3.900	0.800	0.007	8.24	0.2150

(C O N T D)

STORET CODE: 02
003
0150

*INTERIM		TEST-NAME:	PPUT	RSF	RSP	TCMF	TCMFBK	TURB	ZNUT
			PHOSPHOR			COLIFORM	COLIFORM		ZINC
SAMPLE			UNF.TOT.	RESIDUE	RESIDUE	TOTAL	TOTAL MF		UNF.TOT.
DATE	HR	SAMPLE	MG/L	FILTERED	PARTIC.	MF	BCKGRD		MG/L
YYMMDD	LHT	NUMBER	AS P	MG/L	MG/L	CNT	CNT	TURB'ITY	AS ZN
						/100ML	/100ML	FTU	
820106	1045	49036	0.322	378	89.4	32000<=>	420000	28.00	0.014
820217	1245	49077	0.540	504	25.9	1700	2500	20.00	0.011
820302	1105	49118	0.250	433	16.5	540	1600	14.80	
820429	1055	49159	0.105	433.0	3.740	1100	3500	4.20	0.006
820511	1055	49200	0.140	359.0	2.530	2400	3500	4.00	0.006
820609	1050	49241	0.375	471.0	23.000	10200<=>	28000	7.30	0.008
820708	1055	49282	1.000	392.0	28.800	27000	180000	25.00	0.014
820812	1058	49323	1.010	370.0	18.700	35000	160000	13.80	0.005
820922	1117	49364	0.425			32000	110000	8.40	0.006
821007	1115	49405	0.530	404.0	14.700	47000	150000	9.20	0.006
821123	1130	49446	0.370	453.0	42.800	21000	38000	26.00	0.016
821215	1135	49487	0.455	438.0	2.050	2000	7700	33.00	0.001
MAXIMUM			1.010	504	89.4	47000	420000	33.00	0.016
ARITH MEAN			0.460	421	24.4	17662	92067	16.14	0.008
GEOM MEAN			0.380	419	14.5	7754	25624	13.00	0.007
MINIMUM			0.105	359.0	2.050	540	1600	4.00	0.001
STD DEV (GEOM *)			0.288	45	24.9	5*	7*	10.00	0.005
# SAMP IN STATISTICS			12	11	11	12	12	12	11
% SAMP (EXCLUDED)									

B.O.W./ SITE: SPEED RIVER

SAMPLE POINT: ABOVE GUELPH RESERVOIR ARMSTRONG MILLS

STATION TYPE: RIVER FLOW GAUGE FED 02GA040

MAJOR BASIN: GREAT LAKES

MINOR BASIN: LAKE ERIE

TERM STREAM: GRAND RIVER

STATION ID: 16-0184-099-02

STORET CODE: 02

003

0150

LAT: 43 38 22.94 LONG: 080 16 12.31

U T M: 17 0558875.0 4831900.0 4

REGION: 02

DISTANCE: 191.507

*=INTERIM		TEST-NAME:	FWSADP	FGPROJ	ALKT	ASUT	CCNAUR CYANIDE	CDUT	COND25	CRUT	CUUT	DO
					ALK	ARSENIC	AVAIL	CADMIUM	CONDUCT.	CHROMIUM	COPPER	DISSOLVED
					TOTAL	UNF.TOT.	UNF.REAC	UNF.TOT.	25C	UNF.TOT.	UNF.TOT.	OXYGEN
					MG/L	MG/L	MG/L	MG/L		MG/L	MG/L	MG/L
					AS CAC03	AS AS	AS HCN	AS CD	UMHO/CM	AS CR	AS CU	AS O
									AT 25 C			
SAMPLE DATE	HOUR	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE								
YYMMDD	LMT											
820113	1022	49015	0.30	0101	264	0.001<	0.005<T	0.0002	600	0.009	0.005	10.40
820223	1017	49056	0.30	0101	246	0.001<	0.005<T	0.0001<	555	0.004	0.004	12.80
820310	1030	49097	0.30	0101	252	0.001<	0.005<T	0.0002<	580	0.002	0.003	14.30
820331	1340	49998	0.30	0101	139	0.001	0.005<T	0.0004U	230	0.015U	0.012U	
820428	1000	49138	0.30	0101	208.0	0.001<	0.005<T	0.0002<	469.0	0.005	0.008	10.40
820521	1020	49179	0.30	0101	227.4	0.001<	0.005<T	0.0002<	487.0	0.005	0.008	9.70
820617	1032	49220	0.30	0101	227.5	0.001<	0.005<T	0.0002<	458.0	0.002	0.005	10.20
820707	1025	49261	0.30	0101	236.7	0.001<	0.005<T	0.0002<	509.0	0.003	0.012	8.80
820824	1020	49302	0.30	0101	219.2	0.001<	0.005<T	0.0002<	475.0	0.003	0.008	10.20
820915	1018	49343	0.30	0101	200.9	0.001<	0.005<T	0.0010	456.0	0.001<	0.010	9.30
821027	1020	49384	0.30	0101	247.6	0.001	0.001<W	0.0002<	538.0	0.002	0.007	12.50
821109	1025	49425	0.30	0101	240.6	0.001<	0.001<T	0.0002<	534.0	0.002	0.006	12.40
821202	1030	49466	0.30	0101	213.6	0.001<	0.001<W	0.0002<	493.0	0.002	0.008	12.10
MAXIMUM			0.30		264	0.001	0.005	0.0010	600	0.015	0.012	14.30
ARITH MEAN			0.30		225	0.001	0.004<A	0.0005	491	0.004	0.007	11.09
GEOM MEAN					222		0.003<A		480		0.007	10.98
MINIMUM			0.30		139	0.001	0.001	0.0002	230	0.002	0.003	8.80
STD DEV (GEOM *)					32		0.002<A		91		0.003	1.68
# SAMP IN STATISTICS			13		13	2	13	3	13	12	13	12
% SAMP (EXCLUDED)						84		76		7		

*=INTERIM		TEST-NAME:	FCMF	FMSF	FWFLOW	FWSTRC	FWTEMP	NNHTFR	PBUT	PH	PHNOL	PPUT
			FECAL	FECAL				NH3-N				
			COLIFORM	STREPCUS	STREAM			TOTAL	LEAD		PHENOLS	PHOSPHOR
SAMPLE			MF	MF	FLOW		WATER	FIL.REAC	UNF.TOT.		UNF-REAC	UNF.TOT.
DATE	HOUR	SAMPLE	CNT	CNT	M3	STREAM	TEMP	MG/L	MG/L		UG/L	MG/L
YYMMDD	LMT	NUMBER	/100NL	/100ML	/S	COND.	DEG.C	AS N	AS PB	PH	PHENOL	AS P
820113	1022	49015	10<=>	10<=>	1.320	4	0.0	0.078	0.003<	7.93	1 <T	0.125
820223	1017	49056	10<	20<=>	0.410	4	0.0	0.056	0.003<	8.34	1 <T	0.019
820310	1030	49097	10<	10<=>	0.620	4	1.0	0.004	0.003	8.11	1.0<T	0.010
820331	1340	49998			46.000	3		0.008	0.009U	7.77	1 <T	0.655
820428	1000	49138	32	4<	2.270	8	8.2	0.002<W	0.003<	8.28	0.2<W	0.013
820521	1020	49179	170	40<=>	0.820	8 6	15.0	0.004<T	0.003<	8.32	0.2<W	0.015
820617	1032	49220	1300	430	3.200	8 9	15.0	0.002<W	0.003	8.28	0.2<T	0.050
820707	1025	49261	110	250	0.508	8 9	22.0	0.032	0.003<	8.29	0.2<T	0.024
820824	1020	49302	70<=>	340	0.463	9	16.0	0.006	0.003	8.34	0.4<T	0.010
820915	1018	49343	210	370	0.370	9	17.5	0.040	0.024	8.35	0.6<T	0.015
821027	1020	49384	20<=>	20<=>	0.701	9	6.0	0.022	0.003<	8.50	0.2<W	0.011

(C O N T D)

B.O.W./ SITE: SPEED RIVER

STATION ID: 16-0184-099-02

SAMPLE POINT: ABOVE GUELPH RESERVOIR ARMSTRONG MILLS

STATION TYPE: RIVER FLOW GAUGE FED 02GA040

MAJOR BASIN: GREAT LAKES

MINOR BASIN: LAKE ERIE

TERM STREAM: GRAND RIVER

STORET CODE: 02

003

0150

LAT: 43 38 22.94 LONG: 080 16 12.31

U T M: 17 0558875.0 4831900.0 4

REGION: 02

DISTANCE: 191.507

*INTERIM TEST-NAME:		FCMF FECAL COLIFORM MF CNT /100ML	FSMF FECAL STREPCUS MF CNT /100ML	FWFLOW STREAM FLOW M3 /S	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	PBUT LEAD UNF.TOT. MG/L AS PB	PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	PPUT PHOSPHOR UNF.TOT. MG/L AS P
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER									
821109	1025	49425	40<=>	2.360	9	5.0	0.024	0.003<	8.21	0.2<T	0.007
821202	1030	49466	160	4.880	9	5.0	0.002<T	0.003<	8.42	0.2<W	0.013
MAXIMUM		1300	430	46.000		22.0	0.078	0.024	8.50	1	0.655
ARITH MEAN		212	154	4.917		9.2	0.022<A	0.008	8.24	0 <A	0.074
GEOM MEAN				1.378			0.010<A		8.24	0 <A	0.023
MINIMUM		10	10	0.370		0.0	0.002	0.003	7.77	0.2	0.007
STD DEV (GEOM *)				12.418			0.024<A		0.20	0 <A	0.177
# SAMP IN STATISTICS		10	11	13		12	13	5	13	13	13
% SAMP (EXCLUDED)		16	8					61			

*INTERIM TEST-NAME:		RSP RESIDUE PARTIC. MG/L	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	TURB TURB'ITY FTU	ZNUT ZINC UNF.TOT. MG/L AS ZN
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER				
820113	1022	49015	57.2	900<=>	21000	13.10
820223	1017	49056	2.100	410	1600	1.19
820310	1030	49097	1.0	50<=>	760	1.91
820331	1340	49998	277.0			137.00
820428	1000	49138	1.520	240	750	1.85
820521	1020	49179	4.140	470<=>	3000>	3.20
820617	1032	49220	7.740	3800	13000	3.50
820707	1025	49261	4.530	1200	17000	1.94
820824	1020	49302	2.340	420<=>	11800	0.85
820915	1018	49343	2.250	360<=>	12000	1.98
821027	1020	49384	6.360	260	1640	0.78
821109	1025	49425	2.530	160<=>	6800	1.08
821202	1030	49466	2.870	1200	9800	1.40
MAXIMUM		277.0	3800	21000	137.00	0.016
ARITH MEAN		28.6	789	8741	13.06	0.005
GEOM MEAN		5.1	451		2.65	
MINIMUM		1.0	50	750	0.78	0.002
STD DEV (GEOM *)		76.1	3*		37.38	
# SAMP IN STATISTICS		13	12	11	13	11
% SAMP (EXCLUDED)				8		15

B.O.W./ SITE: CONESTOGO RIVER
 SAMPLE POINT: AT WELLINGTON COUNTY ROAD NO 7
 STATION TYPE: RIVER FLOW GAUGE FED 02GA039

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STATION ID: 16-0184-100-02

STORET CODE: 02
 003
 0150

LAT: 43 46 59.78 LONG: 080 38 13.64 U T M: 17 0529200.0 4847650.0 4 REGION: 02 DISTANCE: 244.775

*=INTERIM TEST-NAME:			FWSADP	FGPROJ	CLIDUR	COD	COND25	DO	DOC	FCMF	FSMF	FWFLOW
									CARBON	FECAL	FECAL	
SAMPLE			SAMPLE	PROJECT	CHLORIDE	CHEM. OX	CONDUCT.	DISOLVED	DISOLVED	COLIFORM	STREPCUS	STREAM
DATE	HOUR	SAMPLE	DEPTH	SUB-PROJ	UNF.REAC	DEMAND	25C	OXYGEN	ORGANIC	MF	MF	FLOW
YYMMDD	LMT	NUMBER	M	CODE	MG/L	MG/L	UMHO/CM	MG/L	MG/L	CNT	CNT	M3
					AS CL	AS O	AT 25 C	AS O	AS C	/100ML	/100ML	/S
820120	1145	49028	0.30	0101	19.50	20	650	12.90	10.8	170	80<=>	0.388
820209	1205	49069	0.30	0101	19.00	20	630	12.20	5.4	610	470	0.266
820324	1140	49110	0.30	0101	12.50	8	360	12.10	6.0	100<=>	1060	10.500
820331	1220	49995	0.30	0101	4.40	57	210		4.3			110.000
820414	1125	49151	0.30	0101	6.35	18	345	12.00	5.5	170	740	19.900
820520	1120	49192	0.30	0101	33.00	23	535.0	10.40	6.5	180	110	0.565
820624	1123	49233	0.30	0101	13.10	30	537.0	10.30	9.3	340	270	2.360
820715	1105	49274	0.30	0101	16.00	24	468.0	9.30	7.8	490	110	0.112
820831	1107	49315	0.30	0101	39.50	26	505.0	11.50	9.3	240	100	0.313
820923	1125	49356	0.30	0101	25.50	20	483.0	10.60	6.3	190	120	0.371
821014	1145	49397	0.30	0101	23.10	27.1	596.0	11.40	7.6	70<=>	50<=>	0.543
821125	1130	49438	0.30	0101	12.10	16.6	499.0	14.10	6.4	200	330	8.770
821208	1132	49479	0.30	0101	10.60	14.9	485.0	13.30	6.1	240	90<=>	6.100
MAXIMUM			0.30		39.50	57	650	14.10	10.8	610	1060	110.000
ARITH MEAN			0.30		18.05	23	485	11.67	7.0	250	294	12.322
GEOM MEAN					15.37	21	467	11.60	6.8	212	186	1.725
MINIMUM			0.30		4.40	8	210	9.30	4.3	70	50	0.112
STD DEV (GEOM *)					10.17	12	122	1.38	1.8	2*	3*	29.935
# SAMP IN STATISTICS			13		13	13	13	12	13	12	12	13
% SAMP (EXCLUDED)												

*=INTERIM		TEST-NAME:	FWSTRC	FWTEMP	NNHTR NH3-N TOTAL	NNOTFR NO2+NO3N FIL.REAC	NNO2FR NO2-N FIL.REAC	NNO3FR NO3-N FIL.REAC	NNTKUR K'DAHL N TOTAL	PH	PP04FR P04 FIL.REAC	PPUT PHOSPHOR UNF.TOT, MG/L
SAMPLE DATE	HOUR	SAMPLE	STREAM	WATER	FIL.REAC	FIL.REAC	FIL.REAC	FIL.REAC	FIL.TOT.			
YYMMDD	LMT	NUMBER	COND.	TEMP	MG/L	MG/L	MG/L	MG/L	MG/L	PH	MG/L	MG/L
				DEG.C	AS N	AS N	AS N	AS N	AS N		AS P	AS P
820120	1145	49028	4	0.0	0.262	1.200	0.020	1.180	0.75	7.75	0.190	0.338
820209	1205	49069	4	0.0	0.372	1.000	0.023	0.980	0.95	8.17	0.033	0.065
820324	1140	49110	3	1.0	0.006	2.550	0.002	2.550	0.90	7.69	0.140	0.248
820331	1220	49995	3		0.070	1.450	0.0580	1.390	2.50	7.76	0.0950	0.880
820414	1125	49151	8	3.0	0.004<T	3.450	0.0060	3.445	0.78	8.06	0.0670	0.098
820520	1120	49192	8 6	19.5	0.040	0.305	0.0330	0.270	0.68	8.40	0.0030	0.035
820624	1123	49233	7 9	17.0	0.008	2.550	0.0020	2.545	0.89	8.59	0.0120	0.036
820715	1105	49274	7	22.0	0.004<T	0.115	0.0950	0.020	0.83	8.25	0.0060	0.045
820831	1107	49315	5	17.0	0.004<T	0.120	0.0650	0.055	0.73	8.41	0.0060	0.027
820923	1125	49356	5	15.0	0.006	0.070	0.0350	0.035	0.61	8.46	0.0030	0.020
821014	1145	49397	8 6	11.5	0.024	0.140	0.0065	0.134	0.64	8.49	0.0010<T	0.023

(C O N T D)

B.O.W./ SITE: CONESTOGO RIVER
 SAMPLE POINT: AT WELLINGTON COUNTY ROAD NO 7
 STATION TYPE: RIVER FLOW GAUGE FED 02GA039

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STATION ID: 16-0184-100-02

STORET CODE: 02
 003
 0150

LAT: 43 46 59.78 LONG: 080 38 13.64

U T M: 17 0529200.0 4847650.0 4

REGION: 02

DISTANCE: 244.775

*=INTERIM TEST-NAME:		FWSTRC	FWTEMP	NNHTFR NH3-N TOTAL	NNOTFR NO2+NO3N FIL.REAC	NNO2FR NO2-N FIL.REAC	NNO3FR NO3-N FIL.REAC	NNTKUR K'DAHL N TOTAL	PH	PP04FR P04 FIL.REAC	PPUT PHOSPHOR UNF.TOT.	
SAMPLE DATE	HOUR YYMMDD LMT	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.TOT. MG/L AS N	PH	FIL.REAC MG/L AS P	UNF.TOT. MG/L AS P
821125	1130	49438	8 6	0.5	0.004<T	3.050	0.0325	3.020	0.770	8.36	0.0300	0.050
821208	1132	49479	8 6	1.5	0.002<T	2.650	0.0020<T	2.650	0.680	8.60	0.0230	0.041
MAXIMUM				22.0	0.372	3.450	0.0950	3.445	2.50	8.60	0.190	0.880
ARITH MEAN				9.0	0.062<A	1.435	0.029 <A	1.406	0.90	8.23	0.047 <A	0.147
GEOM MEAN					0.014<A	0.716	0.015 <A	0.548	0.83	8.22	0.018 <A	0.068
MINIMUM				0.0	0.002	0.070	0.002	0.020	0.61	7.69	0.0010	0.020
STD DEV (GEOM *)					0.117<A	1.264	0.029 <A	1.281	0.49	0.32	0.060 <A	0.241
# SAMP IN STATISTICS				12	13	13	13	13	13	13	13	13
% SAMP (EXCLUDED)												

*=INTERIM TEST-NAME:		RSF	RSP	TCMF COLIFORM TOTAL MF	TCMFBK COLIFORM TOTAL MF BCKGRD	TURB	
SAMPLE DATE	HOUR YYMMDD LMT	SAMPLE NUMBER	RESIDUE FILTERED MG/L	RESIDUE PARTIC. MG/L	CNT /100ML	CNT /100ML	TURB'ITY FTU
820120	1145	49028	384	5.6	620	4600	3.90
820209	1205	49069	387	5.9	1260	3400	4.70
920324	1140	49110	234	61.5	1200	8500	36.00
820331	1220	49995	137	649.0			395.00
820414	1125	49151	224.0	30.800	6700	23000	29.00
820520	1120	49192	322.0	7.270	360<=>	14800	12.50
820624	1123	49233	350.0	14.300	1020<=>	16000	8.50
820715	1105	49274	286.0	9.330	500<=>	20000	3.90
820831	1107	49315	322.0	9.970	400<=>	9800	4.80
820923	1125	49356	310.0	7.890	1300	5900	5.10
821014	1145	49397	391.0	8.430	150<=>	10200	5.20
821125	1130	49438	310.0	9.020	4700	20000	5.40
821208	1132	49479	356.0	8.240	980	4400	6.70
MAXIMUM			391.0	649.0	6700	23000	395.00
ARITH MEAN			309	63.6	1599	11717	40.05
GEOM MEAN			298	15.0	929	9765	10.29
MINIMUM			137	5.6	150	3400	3.90
STD DEV (GEOM *)			74	176.6	3*	2*	107.14
# SAMP IN STATISTICS			13	13	12	12	13
% SAMP (EXCLUDED)							

B.O.W./ SITE: SPEED RIVER
 SAMPLE POINT: AT HIGHWAY NO.8 CAMBRIDGE
 STATION TYPE: RIVER

STATION ID: 16-0184-101-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 43 23 57.88 LONG: 080 21 57.24 U T M: 17 0551350.0 4805150.0 4 REGION: 02 DISTANCE: 152.401

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	ALUT	BOD5	CAUR	CDUT	CLIDUR	COD	COLAP
						BOD					
				ALK	ALUMINUM	5 DAY	CALCIUM	CADMIUM	CHLORIDE	CHEM. OX	COLOUR
				TOTAL	UNF.TOT.	TOT.DEM.	UNF.REAC	UNF.TOT.	UNF.REAC	DEMAND	APPARENT
				MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	HZU
SAMPLE		SAMPLE	PROJECT								
DATE	HOUR	NUMBER	SUB-PROJ	AS CAC03	AS AL	AS O	AS CA	AS CD	AS CL	AS O	
YYMMDD	LMT		CODE								
820106	1210	49040	0101	237	0.150	0.2 <T	81.0	0.0004	69.00	13	18.8
820217	1420	49081	0101	228	0.180	2.0	79.0	0.0001	214.00	33	13.0
820302	1205	49122	0101	252	0.210	1.2	81.0	0.0004	66.00	6	14.1
820429	1200	49163	0101	198.2	0.079	1.29	64.7	0.0002	1.00	14	11.2
820511	1205	49204	0101	216.4	0.210	0.97	67.5	0.0002	49.00	21	12.7
820609	1155	49245	0101	214.7	0.230	3.30	69.9	0.0002<	37.80	28	45.0
820708	1203	49286	0101	199.9	0.085	0.97	62.3	0.0004	72.00	22	36.6
820812	1215	49327	0101	209.8	0.059	1.34	62.9	0.0002	91.00	18	30.5
820922	1235	49368	0101	212.5	0.080	1.20	68.8	0.0002<	69.50	21.6	24.4
821007	1255	49409	0101	209.7	0.096	2.18	65.2	0.0002<	48.70	24.4	32.3
821123	1250	49450	0101	237.7	0.140	2.00	73.0	0.0002	35.20		29.6
821215	1247	49491	0101	226.3	0.120	1.65	73.6	0.0002	38.00	19.9	24.3
MAXIMUM		0.30		252	0.230	3.30	81.0	0.0004	214.00	33	45.0
ARITH MEAN		0.30		220	0.137	1.5 <A	70.7	0.0003	65.93	20	24.4
GEOM MEAN				220	0.125	1.3 <A	70.4		44.06	19	22.2
MINIMUM		0.30		198.2	0.059	0.2	62.3	0.0001	1.00	6	11.2
STD DEV (GEOM *)				16	0.059	0.8 <A	6.8		52.16	7	10.8
# SAMP IN STATISTICS		12		12	12	12	12	9	12	11	12
% SAMP (EXCLUDED)								25			

*=INTERIM		TEST-NAME:	COND25	CRUT	CUUT	DO	DOC	FCMF	FEUT	FSMF	FWSTRC	FWTEMP
			CONDUCT.	CHROMIUM	COPPER	DISOLVED	DISOLVED	COLIFORM	IRON	STREPCUS		
SAMPLE			25C	UNF.TOT.	UNF.TOT.	OXYGEN	ORGANIC	MF	UNF.TOT.	MF		
DATE	HOUR	SAMPLE	UMHO/CM	MG/L	MG/L	MG/L	MG/L	CNT	MG/L	CNT	STREAM	WATER
YYMMDD	LMT	NUMBER	AT 25 C	AS CR	AS CU	AS O	AS C	/100ML	AS FE	/100ML	COND.	TEMP
												DEG.C
820106	1210	49040	730	0.005	0.007	12.60	5.1	170	0.20	160	9	0.0
820217	1420	49081	1225	0.006	0.009		4.1	440	0.17	160		
820302	1205	49122	875	0.006	0.009	13.40	5.0	20<=>	0.12	50<=>	8	0.0
820429	1200	49163	584.0	0.002<	0.003	12.20	5.0	90<=>	0.160	10<	8	12.2
820511	1205	49204	640.0	0.006	0.012	14.60	5.0	20<=>	0.170	10<	7	15.0
820609	1155	49245	559.0	0.004	0.007	11.40	7.1	140	0.355	30<=>	7	17.0
820708	1203	49286	668.0	0.002	0.009	8.70	5.5	80<=>	0.155	190	7 5	24.0
820812	1215	49327	7.4	0.003	0.004	8.60	5.3	80<=>	0.260	250	7 5	18.0
820922	1235	49368	694.0	0.003	0.009	9.40	4.7	170	0.220	130	7 5	14.0
821007	1255	49409	602.0	0.003	0.005	9.60	6.7	150	0.430	250	7	16.0
821123	1250	49450	612.0	0.002	0.008	11.60	6.7	970	0.170	350	7	6.5
821215	1247	49491	603.0	0.001<	0.011	13.40	5.3	250	0.230	140	8 6	3.0

(CONT D)

B.O.W./ SITE: SPEED RIVER
 SAMPLE POINT: AT HIGHWAY NO.8 CAMBRIDGE
 STATION TYPE: RIVER

STATION ID: 16-0184-101-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 43 23 57.88 LONG: 080 21 57.24 U T M: 17 0551350.0 4805150.0 4 REGION: 02 DISTANCE: 152.401

*=INTERIM TEST-NAME:		COND25	CRUT	CUUT	DO	DOC	FCMF	FEUT	FSMF	FWSTRC	FWTEMP
		CONDUCT.	CHROMIUM	COPPER	DISOLVED	CARBON	FECAL	IRON	FECAL		
		25C	UNF.TOT.	UNF.TOT.	OXYGEN	DISOLVED	COLIFORM	UNF.TOT.	STREPCUS		
SAMPLE		UMHO/CM	MG/L	MG/L	MG/L	MG/L	MF	MG/L	MF	STREAM	WATER
DATE	HOUR	AT 25 C	AS CR	AS CU	AS O	AS C	CNT	AS FE	CNT	COND.	TEMP
YYMMDD	LMT	NUMBER					/100ML		/100ML		DEG.C
		MAXIMUM	1225	0.006	0.012	14.60	7.1	970	0.430	350	24.0
		ARITH MEAN	650	0.004	0.008	11.41	5.5	215	0.22	171	11.4
		GEOM MEAN	473		0.007	11.23	5.4	125	0.21		
		MINIMUM	7.4	0.002	0.003	8.60	4.1	20	0.12	30	0.0
		STD DEV (GEOM *)	273		0.003	2.07	0.9	3*	0.09		
		# SAMP IN STATISTICS	12	10	12	11	12	12	10		11
		% SAMP (EXCLUDED)		16					16		

*=INTERIM TEST-NAME:		HARDT	HGUT	KKUR	MGUR	MNUT	NAUR	NIUT	NNHTFR	NNOTFR	NN02FR	
		HARDNESS	MERCURY	POTASSIM	MAGNESIM	MANGANSE	SODIUM	NICKEL	NH3-N	TOTAL	N02+N03N	
		TOTAL	UNF.TOT.	UNF.REAC	FIL.REAC	UNF.TOT.	UNF.REAC	UNF.TOT.	FIL.REAC	FIL.REAC	FIL.REAC	
SAMPLE		MG/L	UG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	
DATE	HOUR	AS CACO3	AS HG	AS K	AS MG	AS MN	AS NA	AS NI	AS N	AS N	AS N	
YYMMDD	LMT	NUMBER										
820106	1210	49040	291	0.15U	2.45	21.50	0.030	36.0	0.005	0.050	3.600	0.001
820217	1420	49081	292.0	0.16U	3.15	23.00	0.034	131.0	0.004	0.048	3.950	0.090
820302	1205	49122	301.0	0.14U	2.96	24.00	0.038	41.00	0.006	0.670	4.550	0.3400
820429	1200	49163	239.0	0.11U	2.34	18.80	0.038	23.50	0.002<	0.002<T	2.300	0.0010<T
820511	1205	49204	250.0	0.12U	2.52	19.80	0.033	28.30	0.002	0.004<T	2.700	0.0350
820609	1155	49245	248.0	0.16U	1.84	17.90	0.057	21.00	0.002	0.006<T	1.900	0.0110
820708	1203	49286	247.0	0.16U	2.30	22.30	0.039	43.00	0.009	0.020	1.800	0.0750
820812	1215	49327	249.0	0.03<	3.00	22.30	0.053	47.80	0.006	0.006	2.550	0.0105
820922	1235	49368	259.0	0.04<	3.00	21.10	0.0250	40.90	0.006	0.004<T	2.950	0.0060
821007	1255	49409	247.0	0.04<	2.92	20.50	0.0530	28.40	0.004	0.004<T	1.600	0.0090
821123	1250	49450	265.0	0.04<	2.52	20.20	0.0300	18.00	0.007	0.004<T	2.260	0.0160
821215	1247	49491	268.0	0.03<	2.62	20.40	0.0290	20.00	0.003	0.006	3.500	0.0020
		MAXIMUM	301.0	0.16	3.15	24.00	0.057	131.0	0.009	0.670	4.550	0.3400
		ARITH MEAN	263	0.14	2.63	20.98	0.038	39.9	0.005	0.069<A	2.805	0.050 <A
		GEOM MEAN	262		2.61	20.92	0.037	33.9		0.011<A	2.669	0.013 <A
		MINIMUM	239.0	0.11	1.84	17.90	0.0250	18.00	0.002	0.002	1.600	0.001
		STD DEV (GEOM *)	21		0.38	1.75	0.011	30.4		0.190<A	0.924	0.096 <A
		# SAMP IN STATISTICS	12	7	12	12	12	12	11	12	12	12
		% SAMP (EXCLUDED)		41					8			

(C O N T D)

B.O.W./ SITE: SPEED RIVER
 SAMPLE POINT: AT HIGHWAY NO.8 CAMBRIDGE
 STATION TYPE: RIVER

STATION ID: 16-0184-101-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 43 23 57.88 LONG: 080 21 57.24 U T M: 17 0551350.0 4805150.0 4 REGION: 02 DISTANCE: 152.401

*=INTERIM TEST-NAME:		NO3FR	NNTKUR	PBUT	PH	PHNOL	PP04FR	PPUT	PSAMF	PSAMFB	RSF	
		NO3-N	K'DAHL N						PSEUDOMN	PSEUDOMN		
		FIL.REAC	TOTAL	LEAD		PHENOLS	P04	PHOSPHOR	AERUG.	AERUG.	RESIDUE	
SAMPLE		FIL.TOT.	UNF.TOT.			UNF-REAC	FIL.REAC	UNF.TOT.	MF	MF BKGD	RESIDUE	
DATE	HOUR	MG/L	MG/L	MG/L		UG/L	MG/L	MG/L	CNT	CNT	FILTERED	
YYMMDD	LMT	AS N	AS N	AS PB	PH	PHENOL	AS P	AS P	/100ML	/100ML	MG/L	
820106	1210	49040	3.600	1.10	0.008	8.19	1 <T	0.160	0.195	108	128	452
820217	1420	49081	3.860	0.65	0.006	7.77	1 <T	0.075	0.133	10<	30<=>	708
820302	1205	49122	4.240	1.25	0.003<	8.19	1 <T	0.0730	0.113	10<	10<	494
820429	1200	49163	2.300	0.55	0.003<	8.50	0.2<W	0.0160	0.055	10<	10<=>	385.0
820511	1205	49204	2.660	1.05	0.004	8.65	0.6<T	0.0390	0.040	4<	8	406.0
820609	1155	49245	1.890	0.83	0.003<	8.37	0.2<W	0.0560	0.128	4<	4<	351.0
820708	1203	49286	1.730	0.68	0.006	8.43	0.2<T	0.1500	0.235			439.0
820812	1215	49327	2.540	0.68	0.007	8.44	-0.2<T	0.0750	0.088	52	4<	469.0
820922	1235	49368	2.940	0.72	0.005	8.24	0.2<W	0.1400	0.195	10<=>	10<	
821007	1255	49409	1.590	0.86	0.005	8.13	0.8	0.0880	0.132	10<	10<	452.0
821123	1250	49450	2.240	0.780	0.010	8.23	0.6<T	0.0925	0.157	20	84	400.0
821215	1247	49491	3.500	0.570	0.007	8.17	1.4	0.0940	0.120	12	60	390.0
MAXIMUM		4.240	1.25	0.010	8.65	1.4	0.160	0.235	108	128	708	
ARITH MEAN		2.757	0.81	0.006	8.28	1 <A	0.088	0.133	40	53	450	
GEOM MEAN		2.630	0.78		8.27		0.076	0.119			442	
MINIMUM		1.590	0.55	0.004	7.77	-0.2	0.0160	0.040	10	8	351.0	
STD DEV (GEOM *)		0.875	0.22		0.22		0.044	0.057			95	
# SAMP IN STATISTICS		12	12	9	12	12	12	12	5	6	11	
% SAMP (EXCLUDED)				25					54	45		

*=INTERIM TEST-NAME:		RSP	SS04UR	TCMF	TCMFBK	TURB	ZNUT
			SULPHATE	COLIFORM	COLIFORM		
		RESIDUE	UNF.REAC	TOTAL	TOTAL MF		ZINC
SAMPLE		PARTIC.	MG/L	MF	BCKGRD		UNF.TOT.
DATE	HOUR	MG/L	AS S04	CNT	CNT	TURB'ITY	MG/L
YYMMDD	LMT	AS S04	/100ML	/100ML	FTU	AS ZN	
820106	1210	49040	5.5	49.0	2300<=>	37000	0.044
820217	1420	49081	5.0	59.0	5500	13000	0.056
820302	1205	49122	2.8	56.0	620<=>	10400	0.042
820429	1200	49163	8.130	36.4	720	4400	0.041
820511	1205	49204	7.160	40.2	1400	6400	0.022
820609	1155	49245	13.100	31.3	2100	15000	0.047
820708	1203	49286	5.570	49.5	1000<=>	40000	0.016
820812	1215	49327	6.960	53.0	420<=>	30000	0.071
820922	1235	49368	47.3	310<=>	10000	3.00	0.025
821007	1255	49409	5.780	38.5	780<=>	13000	0.024
821123	1250	49450	8.090	35.85	8300	10900	0.028
821215	1247	49491	6.220	36.73	1800	11000	0.020

(C O N T D)

B.O.W./ SITE: SPEED RIVER
 SAMPLE POINT: AT HIGHWAY NO.8 CAMBRIDGE
 STATION TYPE: RIVER

STATION ID: 16-0184-101-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 43 23 57.88 LONG: 080 21 57.24

U T M: 17 0551350.0 4805150.0 4

REGION: 02

DISTANCE: 152.401

*=INTERIM TEST-NAME:		RSP	SS04UR	TCMF	TCMFBK	TURB	ZNUT
			SULPHATE	COLIFORM	COLIFORM		
		RESIDUE	UNF.REAC	TOTAL	TOTAL MF		ZINC
SAMPLE		PARTIC.	MG/L	MF	BCKGRD		UNF.TOT.
DATE	HOUR			CNT	CNT	TURB'ITY	MG/L
YYMMDD	LMT	NUMBER	AS S04	/100ML	/100ML	FTU	AS ZN
MAXIMUM		13.100	59.0	8300	40000	7.50	0.071
ARITH MEAN		6.8	44.4	2104	16758	3.34	0.036
GEOM MEAN		6.3	43.6	1308	13585	2.94	0.033
MINIMUM		2.8	31.3	310	4400	0.95	0.016
STD DEV (GEOM *)		2.6	9.0	3*	2*	1.66	0.017
# SAMP IN STATISTICS		11	12	12	12	12	12
% SAMP (EXCLUDED)							

B.O.W./ SITE: ERAMOSA RIVER

SAMPLE POINT: AT COUNTY ROAD NO 41 NORTHWEST OF ARKELL

STATION TYPE: RIVER FLOW GAUGE FED 02GA029

MAJOR BASIN: GREAT LAKES

MINOR BASIN: LAKE ERIE

TERM STREAM: GRAND RIVER

STATION ID: 16-0184-102-02

STORET CODE: 02

003

0150

LAT: 43 32 51.82 LONG: 080 11 01.02

U T M: 17 0565950.0 4821750.0 4

REGION: 02

DISTANCE: 180.563

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	ASUT	CAUR	CLIDUR	COLAP	COND25	CUUT	DO
				ALK	ARSENIC	CALCIUM	CHLORIDE		CONDUCT.	COPPER	DISOLVED
SAMPLE		SAMPLE	PROJECT	TOTAL	UNF.TOT.	UNF.REAC	UNF.REAC	COLOUR	25C	UNF.TOT.	OXYGEN
DATE	HOUR	DEPTH	SUB-PROJ	MG/L	MG/L	MG/L	MG/L	APPARENT	UMHO/CM	MG/L	MG/L
YYMMDD	LMT	NUMBER	CODE	AS CAC03	AS AS	AS CA	AS CL	HZU	AT 25 C	AS CU	AS O
820113	1000	49014	0101	267	0.001<	78.0	21.00	18.0	620	0.005	10.20
820223	0955	49055	0101	247	0.001<	69.0	20.50	14.6	580	0.001	12.60
820310	1010	49096	0101	255.0	0.001<	75.0	19.50	7.6	600.0	0.003	10.40
820428	0937	49137	0101	211.7	0.001<	63.7	16.80	32.6	489.0	0.007	9.50
820521	1000	49178	0101	233.2	0.001<	70.6	18.80	26.0	521.0	0.013	9.00
820617	1006	49219	0101	230.3	0.001<	68.6	15.60	37.9	498.0	0.004	9.40
820707	1005	49260	0101	241.1	0.001<	71.1	19.50	32.0	529.0	0.011	7.40
820824	1000	49301	0101	240.2	0.001<	68.9	20.20	24.6	539.0	0.007	8.30
820915	0956	49342	0101	234.1	0.001<	68.5	19.00	29.2	533.0	0.012	7.10
821027	1002	49384	0101	242.3	0.001<	75.1	19.80	26.6	559.0	0.007	11.00
821109	1000	49424	0101	223.8	0.001<	70.3	18.70	35.8	517.0	0.005	1.60
821202	1001	49465	0101	226.5	0.001<	72.0	17.20	25.9	480.0	0.008	12.00
MAXIMUM		0.30		267		78.0	21.00	37.9	620	0.013	12.60
ARITH MEAN		0.30		238		70.9	18.88	25.9	539	0.007	9.04
GEOM MEAN				237		70.8	18.82	24.0	537	0.006	8.25
MINIMUM		0.30		211.7		63.7	15.60	7.6	480.0	0.001	1.60
STD DEV (GEOM *)				15		3.8	1.61	8.9	44	0.004	2.88
# SAMP IN STATISTICS		12		12		12	12	12	12	12	12
% SAMP (EXCLUDED)											

*=INTERIM TEST-NAME:		FCNF	FEUT	FSMF	FWFLOW	FWSTRC	FWTEMP	HARDT	MGUR	NNHTFR	NNOTFR	
		FECAL		FECAL						NH3-N		
SAMPLE		COLIFORM	IRON	STREPCUS	STREAM		WATER	HARDNESS	MAGNESIM	FIL.REAC	FIL.REAC	
DATE	HOUR	MF	UNF.TOT.	MF	FLOW		TEMP	TOTAL	FIL.REAC	MG/L	MG/L	
YYMMDD	LMT	CNT	MG/L	CNT	M3	STREAM	DEG.C	MG/L	MG/L	AS N	AS N	
		/100ML	AS FE	/100ML	/S	COND.		AS CAC03	AS MG			
820113	1000	49014	10<	0.05	10<=>	1.270	4	0.0	294	24.00	0.046	2.000
820223	0955	49055	10<	0.10	20<=>	1.170	8	0.0	259	21.00	0.040	1.850
820310	1010	49096	180	0.060	160	1.510	8	1.0	282.0	23.00	0.032	1.850
820428	0937	49137	10<	0.050	10<	4.080	8	9.0	234.0	18.30	0.002<W	1.350
820521	1000	49178	30<=>	0.105	10<	1.840	8 6	14.5	264.0	21.20	0.006<T	0.950
820617	1006	49219	80<=>	0.125	90<=>	3.690	8	15.0	253.0	19.80	0.006	0.780
820707	1005	49260	40<=>	0.075	20<=>	1.640	8 6	20.0	263.0	20.70	0.034	1.000
820824	1000	49301	90<=>	0.075	880	0.956	8 6	14.5	264.0	22.30	0.036	1.05
820915	0956	49342	90<=>	0.080	80<=>	0.904	8 6	17.2	257.0	20.80	0.024	0.820
821027	1002	49384	40<=>	0.064	10<=>	1.220	8 6	6.0	283.0	23.10	0.020	0.955
821109	1000	49424	70<=>	0.080	30<=>	2.510	8 6	5.0	259.0	20.20	0.036	0.630
821202	1001	49465	30<=>	0.150	60<=>	4.780	8 6	5.0	258.0	19.10	0.002<T	0.920

(C O N T D)

B.O.W./ SITE: ERAMOSA RIVER

STATION ID: 16-0184-102-02

SAMPLE POINT: AT COUNTY ROAD NO 41 NORTHWEST OF ARKELL

STATION TYPE: RIVER FLOW GAUGE FED 02GA029

MAJOR BASIN: GREAT LAKES

MINOR BASIN: LAKE ERIE

TERM STREAM: GRAND RIVER

STORET CODE: 02

003

0150

LAT: 43 32 51.82 LONG: 080 11 01.02

U T M: 17 0565950.0 4821750.0 4

REGION: 02

DISTANCE: 180.563

*=INTERIM	TEST-NAME:	FCMF FECAL COLIFORM MF CNT /100ML	FEUT IRON UNF.TOT. MG/L AS FE	FSMF FECAL STREPCUS MF CNT /100ML	FWFLOW STREAM FLOW M3 /S	FWSTRC STREAM COND.	FWTEMP WATER TEMP DEG.C	HARDT HARDNESS TOTAL MG/L AS CAC03	MGUR MAGNESIM FIL.REAC MG/L AS MG	NNHTFR NH3-N TOTAL FIL.REAC MG/L AS N	NNOTFR NO2+NO3N FIL.REAC MG/L AS N
	MAXIMUM	180	0.150	880	4.780		20.0	294	24.00	0.046	2.000
	ARITH MEAN	72	0.08	136	2.131		8.9	264	21.12	0.024<A	1.18
	GEOM MEAN		0.08		1.816			264	21.06	0.015<A	1.10
	MINIMUM	30	0.05	10	0.904		0.0	234.0	18.30	0.002	0.630
	STD DEV (GEOM *)		0.03		1.331			16	1.71	0.016<A	0.47
# SAMP	IN STATISTICS	9	12	10	12		12	12	12	12	12
% SAMP	(EXCLUDED)	25		16							

*=INTERIM	TEST-NAME:	NN02FR NO2-N FIL.REAC MG/L AS N	NN03FR NO3-N FIL.REAC MG/L AS N	NNTKUR K'DAHL N TOTAL FIL.TOT. MG/L AS N	PBUT LEAD UNF.TOT. MG/L AS PB	PH PH	PHNOL PHENOLS UNF-REAC UG/L PHENOL	PPUT PHOSPHOR UNF.TOT. MG/L AS P	RSF RESIDUE FILTERED MG/L	RSP RESIDUE PARTIC. MG/L	SS04UR SULPHATE UNF.REAC MG/L AS S04	
620113	1000	49014	0.009	2.00	0.32	0.003<	7.96	1 <T	0.018	378	1.6	44.0
820223	0955	49055	0.0230	1.830	0.38	0.003<	8.34	1 <T	0.023	378	5.2	43.5
820310	1010	49096	0.0310	1.820	0.40	0.003<	7.94	1 <T	0.010	357.0	1.500	39.0
820428	0937	49137	0.0060	1.345	0.40	0.005	8.10	0.2<W	0.015	328.0	1.840	27.0
820521	1000	49178	0.0210	0.930	0.43	0.003<	8.24	0.2<W	0.013	335.0	4.480	28.5
820617	1006	49219	0.0350	0.745	0.57	0.003	8.16	0.2<T	0.036	344.0	5.440	27.2
820707	1005	49260	0.0160	0.985	0.50	0.003<	8.05	0.2<T	0.016	349.0	3.290	26.4
820824	1000	49301	0.0355	1.015	0.47	0.004	8.10	0.2<T	0.190	362.0	3.830	32.5
820915	0956	49342	0.0055	0.815	0.45	0.003<	8.24	0.6<T	0.014	339.0	4.000	32.1
821027	1002	49384	0.0030	0.952	0.39	0.003<	8.36	0.2<T	0.008	360.0	1.970	34.3
821109	1000	49424	0.0050	0.625	0.500	0.003<	8.19	0.2<T	0.007	337.0	2.760	28.34
821202	1001	49465	0.0030	0.917	0.380	0.003	8.54	0.8<T	0.008	344.0	5.740	28.71
	MAXIMUM	0.0355	2.00	0.57	0.005	8.54	1	0.190	378	5.740	44.0	
	ARITH MEAN	0.016	1.16	0.43	0.004	8.18	0 <A	0.030	351	3.5	32.6	
	GEOM MEAN	0.011	1.09	0.43		8.18	0 <A	0.017	351	3.1	32.1	
	MINIMUM	0.0030	0.625	0.32	0.003	7.94	0.2	0.007	328.0	1.500	26.4	
	STD DEV (GEOM *)	0.013	0.47	0.07		0.17	0 <A	0.051	16	1.5	6.3	
# SAMP	IN STATISTICS	12	12	12	4	12	12	12	12	12	12	
% SAMP	(EXCLUDED)				66							

(C O N T D)

B.O.W./ SITE: ERAMOSA RIVER

STATION ID: 16-0184-102-02

SAMPLE POINT: AT COUNTY ROAD NO 41 NORTHWEST OF ARKELL

STATION TYPE: RIVER FLOW GAUGE FED 02GA029

MAJOR BASIN: GREAT LAKES

MINOR BASIN: LAKE ERIE

TERM STREAM: GRAND RIVER

STORET CODE: 02

003

0150

LAT: 43 32 51.82 LONG: 080 11 01.02

U T M: 17 0565950.0 4821750.0 4

REGION: 02

DISTANCE: 180.563

*=INTERIM TEST-NAME:		TCMF	TCMFBK	TURB	ZNUT	
		COLIFORM	COLIFORM			
		TOTAL	TOTAL MF		ZINC	
SAMPLE		MF	BCKGRD		UNF.TOT.	
DATE	HR	CNT	CNT	TURB'ITY	MG/L	
YYMMDD	LMT	/100ML	/100ML	FTU	AS ZN	
820113	1000	49014	220	2100	0.71	0.033
820223	0955	49055	210	1800	1.85	0.042
820310	1010	49096	190	520	1.08	0.005
820428	0937	49137	120	270	1.72	0.013
820521	1000	49178	160<=>	3000>	3.30	0.031
820617	1006	49219	330<=>	12000	1.84	0.001<
820707	1005	49260	300<=>	9600	1.99	0.022
820824	1000	49301	200<=>	10000	2.10	0.032
820915	0956	49342	1200	6300	2.20	0.025
821027	1002	49384	380	3200	0.82	0.025
821109	1000	49424	400<=>	7200	1.59	0.014
821202	1001	49465	820<=>	7600	1.40	0.020
MAXIMUM		1200	12000	3.30	0.042	
ARITH MEAN		377	5508	1.72	0.024	
GEOM MEAN		298		1.58		
MINIMUM		120	270	0.71	0.005	
STD DEV (GEOM *)		2*		0.70		
# SAMP IN STATISTICS		12	11	12	11	
% SAMP (EXCLUDED)			8		8	

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: AT HIGHWAY NO.86
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STATION ID: 16-0184-103-02

STORET CODE: 02
 003
 0150

LAT: 43 35 17.28 LONG: 080 28 13.62

U T M: 17 0542750.0 4826050.0 4

REGION: 02

DISTANCE: 199.875

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	BOD5	CLIDUR	COND25	CUUT	DO	FCMF	FSMF
					BOD					FECAL	FECAL
				ALK	5 DAY	CHLORIDE	CONDUCT.	COPPER	DISOLVED	COLIFORM	STREPCUS
				TOTAL	TOT.DEM.	UNF.REAC	25C	UNF.TOT.	OXYGEN	MF	MF
SAMPLE		SAMPLE	PROJECT	MG/L	MG/L	MG/L	UMHO/CM	MG/L	MG/L	CNT	CNT
DATE	HR	DEPTH	SUB-PROJ	AS	AS	AS	AT	AS	AS	/100ML	/100ML
YYMMDD	LMT	NUMBER	CODE	CAC03	O	CL	25 C	CU	O		
820113	1125	49018	0101	255	1.0	14.50	560	0.005	10.70	10<	20<=>
820223	1115	49059	0101	300	0.2 <T	27.00	595	0.004	11.40	100	160
820310	1130	49100	0101	262	0.6	23.50	630.0	0.009	12.0	20<=>	30<=>
820428	1050	49141	0101	181.2	0.40<T	15.00	436.0	0.007	10.10	10<	20<=>
820521	1110	49182	0101	171.7	0.61	14.60	398.0	0.007	10.80	30<=>	10<=>
820617	1130	49223	0101	187.3	0.13<T	15.00	427.0	0.004	11.20	220	40<=>
820707	1120	49264	0101	191.1	0.48	15.10	430.0	0.011	10.40	190	210
820824	1120	49305	0101	250.6	1.09	12.10	367.0	0.008	10.40	40<=>	50<=>
820915	1118	49346	0101	170.7	1.27	16.50	409.0	0.009	8.40	33000	18000
821027	1122	49387	0101	202.3	0.99	17.40	474.0	0.007	12.50	10<=>	130
821109	1121	49428	0101	245.3	0.95	18.60	576.0	0.092	12.30	100	10<=>
821202	1123	49469	0101	218.6	1.45	13.10	491.0	0.009	12.30	160	230
MAXIMUM		0.30		300	1.45	27.00	630.0	0.092	12.50	33000	18000
ARITH MEAN		0.30		220	0.8 <A	16.87	483	0.014	11.0	3387	1576
GEOM MEAN				216	0.6 <A	16.43	476	0.009	11.0		77
MINIMUM		0.30		170.7	0.13	12.10	367.0	0.004	8.40	10	10
STD DEV (GEOM *)				42	0.4 <A	4.35	87	0.025	1.2		8*
# SAMP IN STATISTICS		12		12	12	12	12	12	12	10	12
% SAMP (EXCLUDED)										16	

*=INTERIM TEST-NAME:		FWSTRC	FWTEMP	NNHTFR	NNOTFR	NNO2FR	NNO3FR	NNTKUR	PBUT	PH	PP04FR
				NH3-N				K'DAHL N			
				TOTAL	NO2+NO3N	NO2-N	NO3-N	TOTAL	LEAD		P04
				FIL.REAC	FIL.REAC	FIL.REAC	FIL.REAC	FIL.TOT.	UNF.TOT.		FIL.REAC
SAMPLE		SAMPLE	STREAM	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L		MG/L
DATE	HR	NUMBER	COND.	AS N	AS N	AS N	AS N	AS N	AS PB	PH	AS P
YYMMDD	LMT										
820113	1125	49018	4	0.068	2.050	0.022	2.030	0.73	0.004	8.14	0.013
820223	1115	49059	4	0.062	2.550	0.0310	2.520	0.68	0.003	8.21	0.0230
820310	1130	49100	4	0.004	4.400	0.0430	4.360	0.63	0.003<	8.12	0.0420
820428	1050	49141	8	0.002<W	2.150	0.0050	2.145	0.57	0.003<	8.28	0.0110
820521	1110	49182	8 6	0.012	1.150	0.0580	1.090	0.60	0.003<	8.43	0.0020<T
820617	1130	49223	8 9	0.030	1.350	0.0760	1.274	0.75	0.003<	8.32	0.0550
820707	1120	49264	8 6	0.010	0.900	0.0640	0.865	0.72	0.003<	8.40	0.0120
820824	1120	49305	8 6	0.004<T	0.640	0.0455	0.594	0.70	0.003	8.07	0.0150
820915	1118	49346	8 6	0.072	1.550	0.0370	1.510	0.80	0.005	8.25	
821027	1122	49387	8 6	0.012	1.250	0.0405	1.210	0.70	0.003<	8.64	0.0025<T
821109	1121	49428	8 6	0.030	3.750	0.0175	3.73	0.690	0.004	8.28	0.0100
821202	1123	49469	8 6	0.008	2.900	0.0025	2.900	0.650	0.004	8.42	0.0220

(C O N T D)

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: AT HIGHWAY NO.86
 STATION TYPE: RIVER

STATION ID: 16-0184-103-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 43 35 17.28 LONG: 080 28 13.62

U T M: 17 0542750.0 4826050.0 4

REGION: 02

DISTANCE: 199.875

*=INTERIM TEST-NAME:		FWSTRC	FWTEMP	NNHTFR NH3-N TOTAL	NNOTFR NO2+NO3N	NNO2FR NO2-N	NNO3FR NO3-N	NNTKUR K'DAHL N TOTAL	PBUT LEAD	PH	PP04FR P04 FIL.REAC	
SAMPLE DATE	HOUR	SAMPLE NUMBER	STREAM COND.	WATER TEMP DEG.C	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.TOT. MG/L AS N	UNF.TOT. MG/L AS PB	PH	FIL.REAC MG/L AS P
			MAXIMUM	23.5	0.072	4.400	0.0760	4.360	0.80	0.005	8.64	0.0550
			ARITH MEAN	9.7	0.026<A	2.053	0.037	2.02	0.68	0.004	8.30	0.019 <A
			GEOM MEAN		0.015<A	1.768	0.027	1.72	0.68		8.30	0.013 <A
			MINIMUM	0.0	0.002	0.640	0.0025	0.594	0.57	0.003	8.07	0.0020
			STD DEV (GEOM *)		0.026<A	1.164	0.023	1.17	0.06		0.16	0.016 <A
			# SAMP IN STATISTICS	12	12	12	12	12	12	6	12	11
			% SAMP (EXCLUDED)							50		

*=INTERIM TEST-NAME:		PPUT	RSF	RSP	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	TURB TURB'ITY FTU	ZNUT ZINC UNF.TOT. MG/L AS ZN		
SAMPLE DATE	HOUR	SAMPLE NUMBER	PHOSPHOR UNF.TOT. MG/L AS P	RESIDUE FILTERED MG/L	RESIDUE PARTIC. MG/L					
820113	1125	49018	0.020	342	1.1	410	1800	1.29	0.006	
820223	1115	49059	0.038	376	12.0	500	2500	1.46	0.009	
820310	1130	49100	0.135	380	8.9	300	1430	4.50	0.014	
820428	1050	49141	0.035	312.0	3.870	220	920	4.50	0.001<	
820521	1110	49182	0.023	259.0	2.510	360<=>	3000>	2.30	0.001	
820617	1130	49223	0.070	292.4	5.420	1100	19000	1.25	0.007	
820707	1120	49264	0.025	276.0	3.200	1020<=>	11800	4.10	0.003	
820824	1120	49305	0.034	239.0	4.600	340<=>	22000	1.16	0.005	
820915	1118	49346	0.070	271.0	28.000	45000<=>	540000	12.30	0.009	
821027	1122	49387	0.020	307.0	2.440	300	4400	1.78	0.005	
821109	1121	49428	0.023	383.0	3.100	460<=>	7400	1.99	0.003	
821202	1123	49469	0.107	341.0	6.270	1400	3500	4.20	0.008	
			MAXIMUM	0.135	383.0	28.000	45000	540000	12.30	0.014
			ARITH MEAN	0.050	315	6.8	4284	55886	3.40	0.006
			GEOM MEAN	0.040	311	4.7	709		2.60	
			MINIMUM	0.020	239.0	1.1	220	920	1.16	0.001
			STD DEV (GEOM *)	0.038	49	7.3	4*		3.11	
			# SAMP IN STATISTICS	12	12	12	11	12	11	
			% SAMP (EXCLUDED)				8		8	

B.O.W./ SITE: IRVINE CREEK
 SAMPLE POINT: AT WILLIAM STREET SALEM
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STATION ID: 16-0184-104-02

STORET CODE: 02
 003
 0150

LAT: 43 41 42.64 LONG: 080 26 52.06

U T M: 17 0544500.0 4837950.0 4

REGION: 02

DISTANCE: 217.416

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	ALUT	ASUT	BOD5 BOD 5 DAY	CLIDUR	COD	COND25	CUUT	
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	DEPTH M	PROJECT SUB-PROJ CODE	ALK TOTAL MG/L AS CAC03	ALUMINUM UNF.TOT. MG/L AS AL	ARSENIC UNF.TOT. MG/L AS AS	TOT.DEM. MG/L AS O	CHLORIDE UNF.REAC MG/L AS CL	CHEM. OX DEMAND MG/L AS O	CONDUCT. 25C UMHO/CM AT 25 C	COPPER UNF.TOT. MG/L AS CU
820113	1155	49019	0.30	0101	290	0.140	0.001<	0.8	15.00	17	630	0.005
820223	1145	49060	0.30	0101	272	0.015	0.001<	0.4	13.00	14	580	0.001
820310	1155	49101	0.30	0101	273.0	0.140	0.001<	0.20<T	12.50	14	590	0.007
820428	1110	49142	0.30	0101	226.3	0.249	0.001<	0.30<T	12.40	14	508.0	0.008
820521	1130	49183	0.30	0101	212.8	0.134	0.001<	0.78	13.80	20	460.0	0.008
820617	1200	49224	0.30	0101	237.1	0.140	0.001<	0.41<T	13.00	18	492.0	0.006
820707	1150	49265	0.30	0101	202.2	0.100	0.001<	0.93	14.30	20	442.0	0.008
820824	1145	49306	0.30	0101	103.4	0.051	0.001<	0.95	14.80	20	403.0	0.005
820915	1147	49347	0.30	0101	193.0	0.032	0.001<	1.11	15.50	26	432.0	0.008
821027	1155	49388	0.30	0101	262.6	0.086	0.001	0.68	15.10	19.8	540.0	0.008
821109	1151	49429	0.30	0101	264.9	0.096	0.001<	0.97	15.50	25.4	607.0	0.007
821202	1155	49470	0.30	0101	230.0	0.220	0.001<	1.05	12.90		518.0	0.009
MAXIMUM		0.30			290	0.249	0.001	1.11	15.50	26	630	0.009
ARITH MEAN		0.30			231	0.117	0.001	0.7 <A	13.98	19	517	0.007
GEOM MEAN					224	0.093		0.6 <A	13.94	19	512	0.006
MINIMUM		0.30			103.4	0.015	0.001	0.20	12.40	14	403.0	0.001
STD DEV (GEOM *)					50	0.070		0.3 <A	1.19	4	74	0.002
# SAMP IN STATISTICS		12			12	12	1	12	12	11	12	12
% SAMP (EXCLUDED)							91					

*=INTERIM TEST-NAME:		DO	FCMF FECAL COLIFORM	FEUT IRON	FSMF FECAL STREPCUS	FWSTRC	FWTEMP	NIUT NICKEL	NNHTFR NH3-N TOTAL	NNOTFR	NNO2FR
SAMPLE DATE YYMMDD	HOUR LMT	DISOLVED OXYGEN MG/L AS O	MF CNT /100ML	UNF.TOT. MG/L AS FE	MF CNT /100ML	STREAM COND.	WATER TEMP DEG.C	UNF.TOT. MG/L AS NI	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N	FIL.REAC MG/L AS N
820113	1155	49019	10.20	40<=>	0.05	20<=>	0.0	0.002	0.162	3.800	0.036
820223	1145	49060	13.40	860	0.60	730	8	0.002<	0.670	2.850	0.0740
820310	1155	49101	13.60	20<=>	0.110	60<=>	8	0.001<	0.006	3.100	0.086
820428	1110	49142	9.40	10<=>	0.280	50<=>	9	0.002	0.002<T	2.700	0.0040
820521	1130	49183	10.20	220	0.060	20<=>	9 5	0.001<	0.004<T	1.250	0.0870
820617	1200	49224	10.10	510	0.140	80<=>	9	0.001<	0.034	1.450	0.0350
820707	1150	49265	9.00	310	0.075	280	9	0.001<	0.052	0.790	0.0250
820824	1145	49306	10.40	300	0.120	150	9	0.001<	0.006	0.695	0.0510
820915	1147	49347	9.80	1390	0.125	1500	9	0.001	0.036	0.835	0.0185
821027	1155	49388	12.50	90<=>	0.005<T	50<=>	9	0.001<	0.032	2.450	0.0765
821109	1151	49429	12.20	130	0.155	70<=>	9	0.001<	0.036	4.600	0.0165
821202	1155	49470	11.90	130	0.225	160	9	0.001<	0.004<T	5.750	0.0020

(C O N T D)

B.O.W./ SITE: IRVINE CREEK
 SAMPLE POINT: AT WILLIAM STREET SALEM
 STATION TYPE: RIVER

STATION ID: 16-0184-104-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 43 41 42.64 LONG: 080 26 52.06

U T M: 17 0544500.0 4837950.0 4

REGION: 02

DISTANCE: 217.416

*=INTERIM TEST-NAME:		DO	FCMF FECAL COLIFORM	FEUT IRON UNF.TOT.	FSMF FECAL STREPCUS	FWSTRC	FWTEMP	NIUT	NNHTFR NH3-N	NNOTFR	NN02FR
		DISOLVED OXYGEN	MF CNT	MG/L AS FE	MF CNT	STREAM COND.	WATER TEMP	NICKEL UNF.TOT.	TOTAL FIL.REAC	N02+N03N FIL.REAC	N02-N FIL.REAC
SAMPLE DATE	HOUR YYMMDD LMT	SAMPLE NUMBER	MG/L AS O	MG/L AS FE	MG/L AS FE		DEG.C	MG/L AS NI	MG/L AS N	MG/L AS N	MG/L AS N
		MAXIMUM	13.60	1390	0.60		24.0	0.002	0.670	5.750	0.0870
		ARITH MEAN	11.06	334	0.16 <A		10.1	0.002	0.087<A	2.522	0.043
		GEOM MEAN	10.96	152	0.10 <A				0.021<A	2.029	0.027
		MINIMUM	9.00	10	0.005		0.0	0.001	0.002	0.695	0.0020
		STD DEV (GEOM *)	1.58	4*	0.16 <A				0.189<A	1.618	0.031
		# SAMP IN STATISTICS	12	12	12		12	3	12	12	12
		% SAMP (EXCLUDED)						75			

*=INTERIM TEST-NAME:		NN03FR	NNTKUR K'DAHL N	PBUT	PH	PHNOL	PP04FR	PPUT	RSF	RSP	TCMF COLIFORM	
		N03-N FIL.REAC	TOTAL FIL.TOT.	LEAD UNF.TOT.		PHENOLS UNF-REAC	P04 FIL.REAC	PHOSPHOR UNF.TOT.	RESIDUE FILTERED	RESIDUE PARTIC.	TOTAL MF CNT	
SAMPLE DATE	HOUR YYMMDD LMT	SAMPLE NUMBER	MG/L AS N	MG/L AS N	MG/L AS PB	PH	UG/L PHENOL	MG/L AS P	MG/L AS P	MG/L	MG/L	/100ML
820113	1155	49019	3.760	0.71	0.005	7.70	1 <T	0.028	0.055	399	1.3	380
820223	1145	49060	2.780	1.23	0.003<	7.90	1 <T	0.0200	0.042	383.0	56.000	1600
820310	1155	49101	3.010	0.53	0.003<	8.49	1 <T	0.019	0.043	348.0	2.400	180
820428	1110	49142	2.695	0.65	0.007	8.54	0.2<W	0.0080	0.032	348.0	4.970	190
820521	1130	49183	1.165	0.69	0.004	8.53	0.2<W	0.0020<T	0.019	284.0	1.200	560<=>
820617	1200	49224	1.410	0.74	0.003	8.45	0.4<T	0.0160	0.030	346.0	5.330	500<=>
820707	1150	49265	0.765	0.59	0.003	8.50	0.2<T	0.0005<T	0.008	281.0	2.670	540<=>
820824	1145	49306	0.645	0.66	0.006	8.37	0.4<T	0.0020<T	0.018	253.0	7.220	420<=>
820915	1147	49347	0.817	0.61	0.003<	8.44	0.4<T	0.0090	0.016	288.0	2.940	5900
821027	1155	49388	2.370	0.60	0.003<	8.50	0.2<T	0.0050	0.021	368.0	1.030	340
821109	1151	49429	4.580	0.720	0.003	8.45	0.8	0.0100	0.025	398.0	4.530	560<=>
821202	1155	49470	5.750	0.620	0.003	8.08	0.2<T	0.0240	0.049	361.0	5.790	2200
		MAXIMUM	5.750	1.23	0.007	8.54	1	0.028	0.055	399	56.000	5900
		ARITH MEAN	2.479	0.70	0.004	8.33	0 <A	0.012 <A	0.030	338	7.9	1114
		GEOM MEAN	1.974	0.68		8.32	0 <A	0.007 <A	0.026	335	3.8	621
		MINIMUM	0.645	0.53	0.003	7.70	0.2	0.0005	0.008	253.0	1.030	180
		STD DEV (GEOM *)	1.627	0.18		0.28	0 <A	0.009 <A	0.015	49	15.3	3*
		# SAMP IN STATISTICS	12	12	8	12	12	12	12	12	12	12
		% SAMP (EXCLUDED)			33							

(C O N T D)

B.O.W./ SITE: IRVINE CREEK
SAMPLE POINT: AT WILLIAM STREET SALEM
STATION TYPE: RIVER

STATION ID: 16-0184-104-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

LAT: 43 41 42.64 LONG: 080 26 52.06

U T M: 17 0544500.0 4837950.0 4

REGION: 02

DISTANCE: 217.416

*=INTERIM TEST-NAME:		TCMFBK	TURB	ZNUT
		COLIFORM		
		TOTAL MF		ZINC
SAMPLE		BCKGRD		UNF.TOT.
DATE	HOUR	CNT	TURB'ITY	MG/L
YYMMDD	LMT	/100ML	FTU	AS ZN
820113	1155	49019	2100	1.80
820223	1145	49060	3500	1.51
820310	1155	49101	940	2.00
820428	1110	49142	360	4.90
820521	1130	49183	24000>	1.12
820617	1200	49224	7000	1.57
820707	1150	49265	8400	1.96
820824	1145	49306	14000	1.03
820915	1147	49347	20000	2.60
821027	1155	49388	3200	0.78
821109	1151	49429	12200	2.50
821202	1155	49470	21000	5.20
MAXIMUM		21000	5.20	0.013
ARITH MEAN		8427	2.25	0.004
GEOM MEAN			1.92	
MINIMUM		360	0.78	0.001
STD DEV (GEOM *)			1.42	
# SAMP IN STATISTICS		11	12	9
% SAMP (EXCLUDED)		8		25

B.O.W./ SITE: COX CREEK
 SAMPLE POINT: AT HIGHWAY NO.86
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STATION ID: 16-0184-105-02

STORET CODE: 02
 003
 0150

LAT: 43 35 03.90 LONG: 080 26 45.67 U T M: 17 0544725.0 4825650.0 4 REGION: 02 DISTANCE: 200.680

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	ALUT	ASUT	BOD5	CLIDUR	COD	COND25	CUUT	
				ALK	ALUMINUM	ARSENIC	BOD	CHLORIDE	CHEM. OX	CONDUCT.	COPPER	
				TOTAL	UNF. TOT.	UNF. TOT.	5 DAY	UNF. REAC	DEMAND	25C	UNF. TOT.	
				MG/L	MG/L	MG/L	TOT. DEM.	MG/L	MG/L	UMHO/CM	MG/L	
				AS CAC03	AS AL	AS AS	AS O	AS CL	AS O	AT 25 C	AS CU	
SAMPLE DATE	YMMDD LMT	SAMPLE NUMBER	DEPTH M	PROJECT SUB-PROJ CODE								
820113	1110	49017	0.30	0101	321	0.170	0.001<	1.2	33.50	13	760	0.006
820223	1100	49058	0.30	0101		0.850	0.001<	0.2 <T	31.50	27	690	0.006
820310	1115	49099	0.30	0101	303.0	0.810	0.001<	0.60	25.50	20	701	0.014
820428	1040	49140	0.30	0101	265.6	0.267	0.001<	0.55	23.60	10	617.0	0.009
820521	1100	49181	0.30	0101	254.1	0.177	0.001<	0.63	20.40	14	562.0	0.008
820617	1117	49222	0.30	0101	281.4	0.110	0.001<	0.40<T	22.40	26	606.0	0.007
820707	1105	49263	0.30	0101	282.8	0.150	0.001<	0.76	25.90	24	603.0	0.025
820824	1100	49304	0.30	0101	217.7	0.056	0.001<	0.67	20.90	22	489.0	0.006
820915	1102	49345	0.30	0101	155.8	1.900	0.001<	3.00	15.50	44	407.0	0.011
821027	1106	49386	0.30	0101	274.7	0.095	0.001	0.87	28.00	15.8	668.0	0.008
821109	1110	49427	0.30	0101	302.3	0.045	0.001<	0.58	27.90	21.5	717.0	0.012
821202	1112	49468	0.30	0101	270.3	0.077	0.001<	0.65	24.10	11.1	602.0	0.010
MAXIMUM		0.30			321	1.900	0.001	3.00	33.50	44	760	0.025
ARITH MEAN		0.30			266	0.392	0.001	0.8 <A	24.93	21	618	0.010
GEOM MEAN					262	0.196		0.7 <A	24.46	19	610	0.009
MINIMUM		0.30			155.8	0.045	0.001	0.2	15.50	10	407.0	0.006
STD DEV (GEOM *)					46	0.550		0.7 <A	4.96	9	100	0.005
# SAMP IN STATISTICS		12			11	12	1	12	12	12	12	12
% SAMP (EXCLUDED)							91					

*=INTERIM TEST-NAME:		DO	FCMF	FEUT	FSMF	FWSTRC	FWTEMP	NIUT	NNHTFR	NNOTFR	NNO2FR	
		DISOLVED	FECAL	IRON	FECAL			NICKEL	NH3-N			
		OXYGEN	COLIFORM	UNF. TOT.	STREPCUS		WATER	UNF. TOT.	TOTAL	NO2+NO3N	NO2-N	
		MG/L	MF	MG/L	MF	STREAM	TEMP	MG/L	FIL. REAC	FIL. REAC	FIL. REAC	
		AS O	CNT	AS FE	CNT	COND.	DEG. C	AS NI	MG/L	MG/L	MG/L	
			/100ML		/100ML				AS N	AS N	AS N	
820113	1110	49017	7.90	10<=>	0.07	10<	4	0.0	0.003	0.158	4.450	0.045
820223	1100	49058	11.80	100	3.15	10<	4	0.0	0.002	0.138	4.400	0.0050
820310	1115	49099	12.20	60<=>	2.950	40<=>	4	0.0	0.001	0.156	4.500	0.006
820428	1040	49140	10.00	10<	0.090	90<=>	8	9.0	0.002<	0.002<W	3.050	0.0220
820521	1100	49181	10.50	210	0.205	40<=>	8 6	16.0	0.002	0.006	3.200	0.0660
820617	1117	49222	11.20	450	0.140	90<=>	7 9	16.0	0.001<	0.008	1.150	0.0850
820707	1105	49263	9.60	450	0.240	220	7 5	24.0	0.001<	0.036	1.750	0.0940
820824	1100	49304	10.70	1280	0.180	720	7 5	17.0	0.001<	0.006	2.000	0.0950
820915	1102	49345	6.20	42000	3.100	80000	7 5	16.8	0.002	0.050	3.950	0.0840
821027	1106	49386	12.30	80<=>	0.036<T	50<=>	7	6.8	0.001<	0.020	3.150	0.0110
821109	1110	49427	11.90	80<=>	0.065	20<=>	8 6	5.5	0.001<	0.016	4.900	0.0130
821202	1112	49468	10.80	50<=>	0.065	170	8 6	7.0	0.001<	0.004<T	6.500	0.0095

(C O N T D)

B.O.W./ SITE: COX CREEK
 SAMPLE POINT: AT HIGHWAY NO.86
 STATION TYPE: RIVER

STATION ID: 16-0184-105-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 43 35 03.90 LONG: 080 26 45.67 U T M: 17 0544725.0 4825650.0 4 REGION: 02 DISTANCE: 200.680

*=INTERIM TEST-NAME:		DO	FCMF FECAL COLIFORM	FEUT IRON	FSMF FECAL STREPCUS	FWSTRC	FWTEMP	NIUT NICKEL	NNHTFR NH3-N TOTAL	NNOTFR NO2+NO3N	NN02FR NO2-N
SAMPLE DATE	HOUR	DISOLVED OXYGEN	MF CNT	UNF.TOT. MG/L	MF CNT	STREAM COND.	WATER TEMP	UNF.TOT. MG/L	FIL.REAC MG/L	FIL.REAC MG/L	FIL.REAC MG/L
YYMMDD	LMT	AS O	/100ML	AS FE	/100ML		DEG.C	AS NI	AS N	AS N	AS N
		MAXIMUM	12.30	42000	3.15		24.0	0.003	0.158	6.500	0.0950
		ARITH MEAN	10.42	4070	0.86 <A		9.8	0.002	0.050<A	3.583	0.045
		GEOM MEAN	10.25		0.24 <A				0.020<A	3.247	0.027
		MINIMUM	6.20	10	0.036		0.0	0.001	0.002	1.150	0.0050
		STD DEV (GEOM *)	1.83		1.33 <A				0.062<A	1.509	0.038
		# SAMP IN STATISTICS	12	11	12		12	5	12	12	12
		% SAMP (EXCLUDED)		8				58			

*=INTERIM TEST-NAME:		NN03FR	NNTKUR K'DAHL N TOTAL	PBUT LEAD	PH	PHINOL PHENOLS	PP04FR PO4	PPUT PHOSPHOR	RSF RESIDUE	RSP RESIDUE	TCMF COLIFORM	
SAMPLE DATE	HOUR	FIL.REAC MG/L	FIL.TOT. MG/L	UNF.TOT. MG/L	PH	UNF-REAC UG/L	FIL.REAC MG/L	UNF.TOT. MG/L	FILTERED MG/L	PARTIC. MG/L	MF CNT	
YYMMDD	LMT	AS N	AS N	AS PB		PHENOL	AS P	AS P			/100ML	
820113	1110	49017	4.410	0.68	0.005	8.16	1 <T	0.020	0.020	479	1.8	410<=>
820223	1100	49058	4.400	1.70	0.006	8.04	1 <T	0.0240	0.245	433.0	72.000	510<=>
820310	1115	49099	4.490	0.90	0.003<	7.92	1.0<T	0.026	0.103	438.0	40.100	400
820428	1040	49140	3.030	0.64	0.005	8.40	0.2<W	0.0060	0.025	447.0	1.750	330
820521	1100	49181	3.135	0.73	0.003<	8.33	0.2<W	0.0050	0.030	362.0	8.840	270<=>
820617	1117	49222	1.065	0.89	0.003<	8.18	0.2<T	0.0245	0.044	413.0	2.250	1300
820707	1105	49263	1.960	0.91	0.003	8.25	0.2<T	0.0040	0.031	381.0	2.56	3700
820824	1100	49304	1.900	0.77	0.003<	8.04	0.6<T	0.1650	0.195	314.0	2.470	2500<=>
820915	1102	49345	3.870	1.47	0.007	7.99	1.0	0.1550	0.330	300.0	77.100	57000<=>
821027	1106	49386	3.140	0.55	0.003<	8.42	0.2<T	0.0010<T	0.009	395.0	2.200	520
821109	1110	49427	4.890	0.710	0.004	8.22	0.2<W	0.0095	0.018	475.0	2.190	360<=>
821202	1112	49468	6.490	0.510	0.005	8.38	0.2<W	0.0150	0.039	419.0	3.320	820<=>
		MAXIMUM	6.490	1.70	0.007	8.42	1	0.1650	0.330	479	77.100	57000
		ARITH MEAN	3.565	0.87	0.005	8.19	0 <A	0.038 <A	0.091	405	18.0	5677
		GEOM MEAN	3.225	0.82		8.19	0 <A	0.015 <A	0.049	401	5.8	980
		MINIMUM	1.065	0.510	0.003	7.92	0.2	0.0010	0.009	300.0	1.750	270
		STD DEV (GEOM *)	1.505	0.36		0.17	0 <A	0.058 <A	0.107	57	28.5	5*
		# SAMP IN STATISTICS	12	12	7	12	12	12	12	12	12	12
		% SAMP (EXCLUDED)			41							

(C O N T D)

B.O.W./ SITE: COX CREEK
SAMPLE POINT: AT HIGHWAY NO.86
STATION TYPE: RIVER

STATION ID: 16-0184-105-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

LAT: 43 35 03.90 LONG: 080 26 45.67

U T M: 17 0544725.0 4825650.0 4

REGION: 02

DISTANCE: 200.680

*=INTERIM TEST-NAME:		TCMFBK	TURB	ZNUT
		COLIFORM		
		TOTAL MF		ZINC
		BCKGRD		UNF.TOT.
SAMPLE		CNT	TURB'ITY	MG/L
DATE	HOUR		FTU	AS ZN
YYMMDD	LMT	SAMPLE NUMBER		
		/100ML		
820113	1110	49017	3800	1.59
820223	1100	49058	3400	49.00
820310	1115	49099	2550	10.10
820428	1040	49140	2050	1.74
820521	1100	49181	24000>	6.20
820617	1117	49222	21000	1.80
820707	1105	49263	19000	1.65
820824	1100	49304	34000	1.05
820915	1102	49345	700000	66.00
821027	1106	49386	5200	0.81
821109	1110	49427	8000	1.12
821202	1112	49468	7400	1.70
MAXIMUM		700000	66.00	0.042
ARITH MEAN		73309	11.90	0.010
GEOM MEAN			3.43	
MINIMUM		2050	0.81	0.002
STD DEV (GEOM *)			21.78	
# SAMP IN STATISTICS		11	12	11
% SAMP (EXCLUDED)		8		8

B.O.W./ SITE: WHITEMANS CREEK
 SAMPLE POINT: AT FIRST CONC.RD.WEST OF HIGHWAY NO.24A
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STATION ID: 16-0184-106-02

STORET CODE: 02
 003
 0150

LAT: 43 07 32.76 LONG: 080 23 02.76 U T M: 17 0550100.0 4774750.0 4 REGION: 02 DISTANCE: 119.732

*INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	ALUT	ASUT	BOD5	CLIDUR	COD	COND25	CUUT	
							BOD					
					ALK	ALUMINUM	ARSENIC		CHEM. OX	CONDUCT.	COPPER	
					TOTAL	UNF.TOT.	UNF.TOT.	TOT.DEM.	DEMAND	25C	UNF.TOT.	
SAMPLE		SAMPLE	PROJECT		MG/L	MG/L	MG/L	MG/L	MG/L	UMHO/CM	MG/L	
DATE	HOUR	DEPTH	SUB-PROJ		AS CAC03	AS AL	AS AS	AS O	AS CL	AT 25 C	AS CU	
YYMMDD	LMT	NUMBER	CODE									
820107	1250	49008	0101		176	0.380	0.001<	2.8	27.00	10	540	0.009
820204	1320	49049	0101		231	0.170	0.001<	1.2	32.50		725	0.009
820323	1300	49090	0101		113	0.910	0.001<	1.6	13.00	20	328	0.006
820405	1020	49131	0101		145	1.600U	0.001<	1.0	15.50		415	0.008U
820518	1308	49172	0101		217.6	0.240	0.001<	0.08<T	24.60	17	651.0	0.018
820608	1321	49213	0101		216.0	0.270	0.001<	0.94	27.40	24	607.0	0.009
820713	1340	49254	0101		225.0	0.030	0.001<	0.54	30.80	20	688.0	0.007
820818	1315	49295	0101		214.3	0.032	0.001<	0.45	34.40	8	682.0	0.006
820929	1323	49336	0101		257.1	0.400	0.001	0.71	38.00	8.8	692.0	0.007
821026	1315	49377	0101		235.1	0.044	0.001<	0.77	43.00	12.9	754.0	0.008
821122	1313	49418	0101		219.3	0.540	0.001<	1.16	32.50	28.6	545.0	0.012
821214	1318	49459	0101		241.9	0.230	0.001<	0.64	26.90	16.8	675.0	0.011
MAXIMUM		0.30			257.1	1.600	0.001	2.8	43.00	28.6	754.0	0.018
ARITH MEAN		0.30			208	0.404	0.001	1.0 <A	28.80	17	608	0.009
GEOM MEAN					203	0.220		0.8 <A	27.42	15	593	0.009
MINIMUM		0.30			113	0.030	0.001	0.08	13.00	8	328	0.006
STD DEV (GEOM *)					42	0.452		0.7 <A	8.54	7	130	0.003
# SAMP IN STATISTICS		12			12	12	1	12	12	10	12	12
% SAMP (EXCLUDED)							91					

*INTERIM TEST-NAME:		DO	FCMF	FEUT	FSMF	FWSTRC	FWTEMP	NIUT	NNHTFR	NNOTFR	NN02FR
			FECAL		FECAL				NH3-N		
		DISOLVED	COLIFORM	IRON	STREPCUS			NICKEL	TOTAL	NO2+NO3N	NO2-N
		OXYGEN	MF	UNF.TOT.	MF			UNF.TOT.	FIL.REAC	FIL.REAC	FIL.REAC
SAMPLE		MG/L	CNT	MG/L	CNT	STREAM	WATER	MG/L	MG/L	MG/L	MG/L
DATE	HOUR	AS O	/100ML	AS FE	/100ML	COND.	TEMP	AS NI	AS N	AS N	AS N
YYMMDD	LMT						DEG.C				
820107	1250	49008	1050	0.45	6800	8 6	0.0	0.004	0.294	4.600	0.079
820204	1320	49049	20<	0.15	60<=>	8 6	0.0	0.005	0.026	3.150	0.135
820323	1300	49090	20<=>	1.550	80<=>	3	2.5	0.002	0.052	2.850	0.002
820405	1020	49131	70<=>	1.860	120	3	0.2	0.002U	0.004	3.200	0.0030
820518	1308	49172	30<=>	0.115	10<=>	8 6	17.0	0.001<W	0.014	2.100	0.0470
820608	1321	49213	780	0.480	130	8 6	14.5	0.004	0.006	7.000	0.0310
820713	1340	49254	50<=>	0.105	20<=>	8 6	20.0	0.001<	0.058	2.350	0.0500
820818	1315	49295	10<	0.112	10<	8 6	18.8	0.001<	0.038	2.300	0.0115
820929	1323	49336	1310	0.825	880	8 6	15.2	0.001	0.004<T	4.820	0.0020
821026	1315	49377	20<=>	0.085	40<=>	8 6	9.0	0.001<	0.022	2.850	0.0070
821122	1313	49418	2200	1.280	2100	8 6	8.0	0.002	0.010	3.730	0.0075
821214	1318	49459	20<=>	0.420	60<=>	8 6	2.0	0.001<	0.004<T	3.900	0.0015<T

(C O N T D)

B.O.W./ SITE: WHITEMANS CREEK
 SAMPLE POINT: AT FIRST CONC.RD.WEST OF HIGHWAY NO.24A
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STATION ID: 16-0184-106-02

STORET CODE: 02
 003
 0150

LAT: 43 07 32.76 LONG: 080 23 02.76

U T M: 17 0550100.0 4774750.0 4

REGION: 02

DISTANCE: 119.732

*INTERIM TEST-NAME:		DO	FCMF FECAL COLIFORM	FEUT IRON UNF.TOT.	FSMF FECAL STREPCUS	FWSTRC	FWTEMP	NIUT NICKEL UNF.TOT.	NNHTFR NH3-N TOTAL	NNOTFR NO2+NO3N FIL.REAC	NN02FR NO2-N FIL.REAC
DATE	HOUR	SAMPLE OXYGEN MG/L	MF CNT /100ML	MG/L AS FE	MF CNT /100ML	STREAM COND.	WATER TEMP DEG.C	MG/L AS NI	MG/L AS N	MG/L AS N	MG/L AS N
YYMMDD	LMT	SAMPLE NUMBER	AS O								
MAXIMUM		16.00	2200	1.860	6800		20.0	0.005	0.294	7.000	0.135
ARITH MEAN		13.06	555	0.62	936		8.9	0.003<A	0.044<A	3.571	0.031 <A
GEOM MEAN		12.94		0.36					0.018<A	3.364	0.012 <A
MINIMUM		10.30	20	0.085	10		0.0	0.001	0.004	2.100	0.0015
STD DEV (GEOM *)		1.79		0.62					0.081<A	1.386	0.041 <A
# SAMP IN STATISTICS		12	10	12	11		12	8	12	12	12
% SAMP (EXCLUDED)			16		8			33			

*INTERIM TEST-NAME:		NN03FR	NNTKUR K'DAHL N TOTAL	PBUT LEAD UNF.TOT.	PH	PHNOL PHENOLS UNF-REAC	PP04FR P04 FIL.REAC	PPUT PHOSPHOR UNF.TOT.	RSF RESIDUE FILTERED	RSP RESIDUE PARTIC.	TCMF COLIFORM TOTAL
DATE	HOUR	NO3-N FIL.REAC MG/L	FIL.TOT. MG/L	MG/L AS PB	PH	UG/L PHENOL	MG/L AS P	MG/L AS P	MG/L	MG/L	MF CNT /100ML
YYMMDD	LMT	SAMPLE NUMBER	AS N	AS N							
820107	1250	49008	4.520	1.20	0.007	8.20	1 <T	0.075	0.125	365	7000<=>
820204	1320	49049	3.020	0.55	0.005	7.96	1 <T	0.115	0.178	488	100<=>
820323	1300	49090	2.850	0.73	0.003<	7.42	1	0.090	0.195	213	1300
820405	1020	49131	3.195	0.78	0.003<	8.53	1 <T	0.0410	0.140	296.0	1300
820518	1308	49172	2.055	0.55	0.003<	8.58	0.2<W	0.0040	0.024	442.0	340<=>
820608	1321	49213	6.970	1.03	0.003<	8.23	0.2<T	0.0330	0.075	449.0	3800<=>
820713	1340	49254	2.300	0.46	0.003<	8.36	0.4<T			452.0	240
820818	1315	49295	2.290	0.41	0.006	8.53	0.6<T	0.0050	0.015	473.0	160<=>
820929	1323	49336	4.820	1.10	0.008	8.49	2.2	0.0620	0.107	471.0	4100<=>
821026	1315	49377	2.840	0.37	0.003<	8.32	1.0	0.0025<T	0.009	505.0	120<=>
821122	1313	49418	3.720	0.750	0.012	8.24	-0.2<T	0.0370	0.093	315.0	19000
821214	1318	49459	3.900	0.520	0.007	8.32	0.6<T	0.0170	0.045	461.0	680
MAXIMUM		6.970	1.20	0.012	8.58	2.2	0.115	0.195	505.0	67.500	19000
ARITH MEAN		3.540	0.70	0.007	8.26	1 <A	0.044 <A	0.091	411	20.7	3178
GEOM MEAN		3.330	0.66		8.26		0.025 <A	0.063	399	12.4	921
MINIMUM		2.055	0.37	0.005	7.42	-0.2	0.0025	0.009	213	3.200	100
STD DEV (GEOM *)		1.388	0.28		0.32		0.038 <A	0.064	92	22.3	6*
# SAMP IN STATISTICS		12	12	6	12	12	11	11	12	12	12
% SAMP (EXCLUDED)				50							

(CONT'D)

B.O.W./ SITE: WHITEMANS CREEK

SAMPLE POINT: AT FIRST CONC.RD.WEST OF HIGHWAY NO.24A

STATION TYPE: RIVER

STATION ID: 16-0184-106-02

MAJOR BASIN: GREAT LAKES

MINOR BASIN: LAKE ERIE

TERM STREAM: GRAND RIVER

STORET CODE: 02

003

0150

LAT: 43 07 32.76 LONG: 080 23 02.76

U T M: 17 0550100.0 4774750.0 4

REGION: 02

DISTANCE: 119.732

*INTERIM TEST-NAME:		TCMFBK	TURB	ZNUT	
		COLIFORM			
		TOTAL MF		ZINC	
		BCKGRD		UNF.TOT.	
SAMPLE DATE	YMHDD LMT	SAMPLE NUMBER	TURB'ITY FTU	MG/L AS ZN	
820107	1250	49008	490000	9.90	0.008
820204	1320	49049	800<=>	3.60	0.004
820323	1300	49090	4200	23.00	0.006
820405	1020	49131	6900	35.00	0.004U
820518	1308	49172	7400	3.10	0.002
820608	1321	49213	33500	7.80	0.018
820713	1340	49254	5200	1.93	0.025
820818	1315	49295	3800	2.30	0.001<
820929	1323	49336	30000	5.10	0.006
821026	1315	49377	1180	1.57	0.002
821122	1313	49418	43000	20.00	0.009
821214	1318	49459	4000	6.10	0.001
MAXIMUM		490000	35.00	0.025	
ARITH MEAN		52498	9.95	0.008	
GEOM MEAN		9138	6.16		
MINIMUM		800	1.57	0.001	
STD DEV (GEOM *)		6*	10.54		
# SAMP IN STATISTICS		12	12	11	
% SAMP (EXCLUDED)				8	

B.O.W./ SITE: GALT CREEK
 SAMPLE POINT: 2ND.CONC.SOUTH OF HIGHWAY NO.401
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STATION ID: 16-0184-107-02

STORET CODE: 02
 003
 0150

LAT: 43 24 38.67 LONG: 080 13 52.16

U T M: 17 0562250.0 4806500.0 4

REGION: 02

DISTANCE: 155.993

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	BOD5	CLIDUR	COND25	CUUT	DO	FCMF	FSMF
					BOD					FECAL	FECAL
				ALK	5 DAY	CHLORIDE	CONDUCT.	COPPER	DISOLVED	COLIFORM	STREPCUS
				TOTAL	TOT.DEM.	UNF.REAC	25C	UNF.TOT.	OXYGEN	MF	MF
				MG/L	MG/L	MG/L	UMHO/CM	MG/L	MG/L	CNT	CNT
				AS CACO3	AS O	AS CL	AT 25 C	AS CU	AS O	/100ML	/100ML
SAMPLE		SAMPLE	PROJECT								
DATE	HOUR	DEPTH	SUB-PROJ								
YYMMDD	LMT	NUMBER	CODE								
820128	0925	48347	0101	256	0.2 <T	21.50	615	0.004	12.00	10<	10<
820223	0935	48402	0101	243	0.2 <T	26.50	600	0.005	11.60	20<=>	180
820324	0845	48462	0101	197	0.6	21.50	495	0.005	12.90	100	260
820429	0840	48530	0101	220.6	0.29<T	22.00	548.0	0.009	9.00	10<=>	10<=>
820519	0915	48576	0101	239.3	0.62	22.80	584.0	0.007	8.60	20<=>	120
820623	0910	48648	0101	238.0	0.41<T	20.80	537.0	0.002	12.40	230	110
820823	0840	48736	0101	243.6	0.19<T	27.00	593.0	0.007	8.70	90<=>	460
820913	0945	48788	0101	244.1	0.36<T	25.80	585.0	0.010	8.50	240	90<=>
821012	0745	48855	0101	236.5	0.63	23.10	544.0	0.005	8.60	152	172
821122	1005	48937	0101	217.6	0.95	19.80	515.0	0.009	9.40	390	510
821230	0930	48992	0101	196.5	1.37	15.60	453.0	0.004	12.20	590	50<=>
MAXIMUM		0.30		256	1.37	27.00	615	0.010	12.90	590	510
ARITH MEAN		0.30		230	0.5 <A	22.40	552	0.006	10.35	184	196
GEOM MEAN				229	0.4 <A	22.17	550	0.006	10.21		
MINIMUM		0.30		196.5	0.19	15.60	453.0	0.002	8.50	10	10
STD DEV (GEOM *)				20	0.4 <A	3.28	50	0.003	1.83		
# SAMP IN STATISTICS		11		11	11	11	11	11	11	10	10
% SAMP (EXCLUDED)										9	9

*=INTERIM TEST-NAME:		FWPH	FWSTRC	FWTEMP	NNHTFR	NNOTFR	NN02FR	NN03FR	NNTKUR	PBUT	PH	
					NH3-N				K'DAHL N			
					TOTAL				TOTAL			
					NO2+NO3N				LEAD			
					FIL.REAC	FIL.REAC	FIL.REAC	FIL.REAC	UNF.TOT.			
					MG/L	MG/L	MG/L	MG/L	MG/L			
					AS N	AS N	AS N	AS N	AS PB			
SAMPLE		PH	STREAM	WATER								
DATE	HOUR	FIELD	COND.	TEMP								
YYMMDD	LMT	NUMBER		DEG.C								
820128	0925	48347	7.60	4	2.5	0.024	0.950	0.017	0.935	0.28	0.008	8.47
820223	0935	48402	8.00	4	0.5	0.052	0.885	0.020	0.865	0.28	0.004	8.02
820324	0845	48462		3	3.5	0.082	0.690	0.035	0.655	0.60	0.003<	7.86
820429	0840	48530	8.20	8	7.5	0.002<W	0.545	0.0010<T	0.545	0.34	0.003<	8.31
820519	0915	48576	7.85	8	15.0	0.008	0.615	0.0210	0.595	0.46	0.003<	8.29
820623	0910	48648	7.95	8	13.5	0.002<T	0.420	0.0030	0.415	0.48	0.003<	8.32
820823	0840	48736	8.10	8	13.5	0.002<T	0.750	0.0015	0.750	0.22	0.005	8.41
820913	0945	48788	7.95	8	17.0	0.020	0.755	0.0055	0.750	0.25	0.004	8.35
821012	0745	48855	7.80	8	12.0	0.002<T	0.465	0.0055	0.460	0.41	0.004	8.44
821122	1005	48937	8.05	8	6.5	0.004<T	0.530	0.0035	0.526	0.625	0.006	8.16
821230	0930	48992	7.90	8	1.0	0.006	0.520	0.025	0.495	0.410	0.003<	8.03

(C O N T D)

STATION ID: 16-0184-107-02

STORET CODE: 02
003
0150

DISTANCE: 155.993

[illegible]

B.O.W./ SITE: ABERFOYLE CREEK
 SAMPLE POINT: AT OLD HIGHWAY NO.6 NORTH BRANCH
 STATION TYPE: RIVER

STATION ID: 16-0184-108-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 43 28 21.95 LONG: 080 09 08.93 U T M: 17 0568550.0 4813450.0 4 REGION: 02 DISTANCE: 166.910

*INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	ALUT	ASUT	BOD5	CLIDUR	COD	COND25	CUUT	
				ALK	ALUMINUM	ARSENIC	BOD	CHLORIDE	CHEM. OX	CONDUCT.	COPPER	
				TOTAL	UNF. TOT.	UNF. TOT.	5 DAY	UNF. REAC	DEMAND	25C	UNF. TOT.	
				MG/L	MG/L	MG/L	TOT. DEM.	MG/L	MG/L	UMHO/CM	MG/L	
				AS CAC03	AS AL	AS AS	AS O	AS CL	AS O	AT 25 C	AS CU	
SAMPLE DATE	YMHDD LMT	SAMPLE NUMBER	SAMPLE DEPTH M	PROJECT SUB-PROJ CODE								
820128	1000	48349	0.30	0101	245	0.130	0.001<	0.2 <T	9.50	4	520	0.004
820223	1005	48404	0.30	0101	243	0.127	0.001<	0.2 <T	8.05	8	520	0.004
820324	0920	48464	0.30	0101	204	0.140	0.001<	0.4	11.00	16	458	0.008
820429	0910	48532	0.30	0101	214.2	0.120	0.001<	0.10<T	8.75	14	463.0	0.008
820519	0940	48578	0.30	0101	239.8	0.140	0.001<	0.11	7.45	6	492.0	0.006
820623	0930	48650	0.30	0101	233.7	0.024	0.001	0.88	7.30	18	472.0	0.002
820823	0915	48738	0.30	0101	241.7	0.012	0.001<	0.35<T	7.30	6 <T	477.0	0.005
820913	1015	48790	0.30	0101	233.2	0.004	0.001<	0.31<T	6.84	16	465.0	0.005
821012	0845	48857	0.30	0101	234.5	0.003<	0.001<	0.47	9.50	21.8	490.0	0.007
821122	1040	48939	0.30	0101	215.8	0.040	0.001<	0.65	8.50	22.1	465.0	0.010
821230	0955	48994	0.30	0101	200.7	0.070	0.001<		9.78	11.7	430.0	0.006
MAXIMUM		0.30		245	0.140	0.001	0.88	11.00	22.1	520	0.010	
ARITH MEAN		0.30		228	0.081	0.001	0.4 <A	8.54	13 <A	477	0.006	
GEOM MEAN				227			0.3 <A	8.46	11 <A	477	0.005	
MINIMUM		0.30		200.7	0.004	0.001	0.10	6.84	4	430.0	0.002	
STD DEV (GEOM *)				16			0.2 <A	1.30	6 <A	27	0.002	
# SAMP IN STATISTICS		11		11	10	1	10	11	11	11	11	
% SAMP (EXCLUDED)					9	90						

*INTERIM TEST-NAME:		DO	FCMF	FEUT	FSMF	FwPH	FwSTRC	FwTEMP	NIUT	NNHTFR	NNOTFR	
			FECAL	IRON	FECAL				NICKEL	NH3-N	N02+N03N	
		DISOLVED	COLIFORM	UNF. TOT.	STREPCUS			WATER	UNF. TOT.	FIL. REAC	FIL. REAC	
		OXYGEN	MF	MG/L	MF	PH	STREAM	TEMP	MG/L	MG/L	MG/L	
		MG/L	CNT	AS FE	CNT	FIELD	COND.	DEG. C	AS NI	AS N	AS N	
SAMPLE DATE	YMHDD LMT	SAMPLE NUMBER	AS O	/100ML	/100ML							
820128	1000	48349	12.50	10<=>	0.10	10<	8.05	4	2.0	0.002	0.012	0.655
820223	1005	48404	12.20	210	0.05	10<=>	8.40	6	2.0	0.001<	0.018	0.610
820324	0920	48464	13.20	10<	0.120	30<=>		3	4.0	0.001<	0.020	0.580
820429	0910	48532	10.40	10<	0.065	20<=>	8.10	8	7.0	0.001<	0.002<W	0.290
820519	0940	48578	9.40	40<=>	0.055	10<=>	7.95	8	14.0	0.001<	0.024	0.410
820623	0930	48650	13.80	50<=>	0.080	90<=>	7.85	8	13.0	0.002<	0.008	0.250
820823	0915	48738	9.00	150	0.050	670<=>	8.00	8	13.0	0.001<	0.004<T	0.375
820913	1015	48790	9.30	50<=>	0.045	130	7.95	8	17.0	0.001<	0.014	0.175
821012	0845	48857	8.60	20	0.050	192	7.85	8	11.5	0.001	0.008	0.210
821122	1040	48939	10.20	10<	0.065	90<=>	8.20	8	6.0	0.001<	0.004<T	0.260
821230	0955	48994	12.90	20<=>	0.060	10<	7.90	8	0.5	0.001<	0.010	0.270

(C O N T D)

B.O.W./ SITE: ABERFOYLE CREEK
 SAMPLE POINT: AT OLD HIGHWAY NO.6 NORTH BRANCH
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STATION ID: 16-0184-108-02

STORET CODE: 02
 003
 0150

LAT: 43 28 21.95 LONG: 080 09 08.93 U T M: 17 0568550.0 4813450.0 4 REGION: 02 DISTANCE: 166.910

*=-INTERIM TEST-NAME:		DO	FCMF FECAL COLIFORM	FEUT IRON UNF.TOT.	FSMF FECAL STREPCUS	FWPH	FWSTRC	FWTEMP	NIUT	NNHTFR NH3-N TOTAL	NNOTFR NO2+NO3N FIL.REAC
SAMPLE DATE	HR	DISOLVED OXYGEN MG/L	CNT /100ML	MG/L AS FE	CNT /100ML	PH	STREAM COND.	WATER TEMP DEG.C	NICKEL UNF.TOT. MG/L	FIL.REAC MG/L	FIL.REAC MG/L
YYMMDD	LMT	AS O				FIELD			AS NI	AS N	AS N

	MAXIMUM	13.80	210	0.120	670	8.40		17.0	0.002	0.024	0.655
	ARITH MEAN	11.05	69	0.07	138	8.02		8.2	0.001	0.011<A	0.371
	GEOM MEAN	10.90		0.06		8.02		5.6		0.009<A	0.338
	MINIMUM	8.60	10	0.045	10	7.85		0.5	0.001	0.002	0.175
	STD DEV (GEOM *)	1.90		0.02		0.17		5.7		0.007<A	0.171
#	SAMP IN STATISTICS	11	8	11	9	10		11	2	11	11
%	SAMP (EXCLUDED)		27		18				81		

*=-INTERIM TEST-NAME:		NN02FR	NN03FR	NNTKUR K'DAHL N TOTAL	PBUT	PH	PHNOL	PP04FR	PPUT	RSF	RSP
SAMPLE DATE	HR	NO2-N FIL.REAC MG/L	NO3-N FIL.REAC MG/L	FIL.TOT. MG/L	LEAD UNF.TOT. MG/L	PH	PHENOLS UNF-REAC UG/L	P04 FIL.REAC MG/L	PHOSPHOR UNF.TOT. MG/L	RESIDUE FILTERED MG/L	RESIDUE PARTIC. MG/L
YYMMDD	LMT	AS N	AS N	AS N	AS PB		PHENOL	AS P	AS P		

820128	1000	48349	0.003	0.650	0.22	0.004	8.69	1 <T	0.002	0.015	303	5.4
820223	1005	48404	0.005	0.605	0.17	0.001<	8.30	1 <T	0.002	0.006	330	0.8
820324	0920	48464	0.008	0.570	0.38	0.003<	8.16	1	0.005	0.019	273	4.3
820429	0910	48532	0.0010<T	0.290	0.28	0.003<	8.36	0.2<W	0.0050	0.011	301.0	2.710
820519	0940	48578	0.0100	0.400	0.24	0.003<	8.37	0.2<W	0.0030<T	0.010	322.0	1.720
820623	0930	48650	0.0180	0.230	0.35	0.003<	8.20		0.0040	0.005	310.0	1.250
820823	0915	48738	0.0410	0.330	0.21	0.003<	8.38	-0.4<T	0.0055	0.011	311.0	1.580
820913	1015	48790	0.0030	0.172	0.29	0.004	8.44	0.6<T	0.0020<T	0.009	302.0	2.090
821012	0845	48857	0.0100	0.200	0.28	0.007	8.22	0.2<T	0.0055	0.010	338.0	2.300
821122	1040	48939	0.0080	0.252	0.310	0.005	8.37	0.2<T	0.0040	0.011	343.0	1.270
821230	0955	48994	0.0080	0.262	0.300	0.003	8.55	0.6<T	0.0045	0.030	274.0	1.670

	MAXIMUM	0.0410	0.650	0.38	0.007	8.69	1	0.0055	0.030	343.0	5.4
	ARITH MEAN	0.010 <A	0.360	0.28	0.005	8.37	0 <A	0.004 <A	0.012	310	2.3
	GEOM MEAN	0.007 <A	0.326	0.27		8.37		0.004 <A	0.011	309	2.0
	MINIMUM	0.0010	0.172	0.17	0.003	8.16	-0.4	0.002	0.005	273	0.8
	STD DEV (GEOM *)	0.011 <A	0.172	0.06		0.15		0.001 <A	0.007	23	1.4
#	SAMP IN STATISTICS	11	11	11	5	11	10	11	11	11	11
%	SAMP (EXCLUDED)				54						

(CONTD)

B.O.W./ SITE: ABERFOYLE CREEK
 SAMPLE POINT: AT OLD HIGHWAY NO.6 NORTH BRANCH
 STATION TYPE: RIVER

STATION ID: 16-0184-108-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 43 28 21.95 LONG: 080 09 08.93

U T M: 17 0568550.0 4813450.0 4

REGION: 02

DISTANCE: 166.910

*=INTERIM TEST-NAME:		TCMF	TCMFBK	TURB	ZNUT	
		COLIFORM	COLIFORM		ZINC	
		TOTAL	TOTAL MF		UNF.TOT.	
SAMPLE		MF	BCKGRD		MG/L	
DATE	HOUR	CNT	CNT	TURB'ITY	AS ZN	
YYMMDD	LMT	/100ML	/100ML	FTU		
820128	1000	48349	90<=>	800	1.83	0.073
820223	1005	48404	380	600	1.10	0.063
820324	0920	48464	230	1100	2.50	0.059
820429	0910	48532	200	2200	2.30	0.037
820519	0940	48578	640	1900	1.51	0.033
820623	0930	48650	1600	5300	1.02	0.042
820823	0915	48738	1100	10200	1.37	0.033
820913	1015	48790	620<=>	9800	1.37	0.030
821012	0845	48857	680	3000	0.91	0.033
821122	1040	48939	280<=>	6600	1.04	0.056
821230	0955	48994	1240	3000>	1.60	0.044
MAXIMUM		1600		10200	2.50	0.073
ARITH MEAN		642		4150	1.50	0.046
GEOM MEAN		472			1.43	0.044
MINIMUM		90		600	0.91	0.030
STD DEV (GEOM *)		2*			0.52	0.015
# SAMP IN STATISTICS		11		10	11	11
% SAMP (EXCLUDED)				9		

B.O.W./ SITE: ERAMOSA RIVER
 SAMPLE POINT: AT HIGHWAY NO.25
 STATION TYPE: RIVER

STATION ID: 16-0184-109-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 43 41 17.41 LONG: 080 07 10.83 U T M: 17 0570950.0 4837400.0 4 REGION: 02 DISTANCE: 200.357

*=INTERIM TEST-NAME:		FWSADP	FGPROJ	ALKT	ALUT	ASUT	BOD5	CCNAUR	CDUT	CLIDUR	COD
							BOD	CYANIDE			
				ALK	ALUMINUM	ARSENIC	5 DAY	AVAIL	CADMIUM	CHLORIDE	CHEM. OX
SAMPLE		SAMPLE	PROJECT	TOTAL	UNF.TOT.	UNF.TOT.	TOT.DEM.	UNF.REAC	UNF.TOT.	UNF.REAC	DEMAND
DATE	HOUR	NUMBER	SUB-PROJ	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
YYMMDD	LMT		CODE	AS CAC03	AS AL	AS AS	AS O	AS HCN	AS CD	AS CL	AS O
820128	1045	48350	0101	248	0.120	0.001<	0.4	0.005<T	0.0002	13.00	2
820223	1100	48405	0101	238	0.114	0.001<	0.2 <T			11.50	18
820324	0955	48465	0101	206	0.190	0.001<	0.6			15.00	12
820429	0955	48533	0101	194.7	0.100	0.001<	0.17<T	0.005<T	0.0002	10.20	20
820519	1025	48579	0101	227.3	0.200	0.001<	0.25			10.60	21
820623	1030	48651	0101	212.3	0.082	0.001	0.45			9.50	34
820823	1000	48739	0101	233.5	0.026	0.001<	0.15<T	0.005<T	0.0002<	11.70	14
820913	1050	48791	0101	239.4	0.019	0.001<	0.26<T	0.005<T	0.0002	11.40	18
821012	0925	48858	0101	232.9	0.045	0.001	0.57			12.20	21.8
821109	0915	48913	0101	217.3	0.038	0.001	0.52			12.70	19.5
821214	0910	48972	0101	239.7	0.057	0.001<	0.67			12.80	12.7
MAXIMUM		0.30		248	0.200	0.001	0.67	0.005	0.0002	15.00	34
ARITH MEAN		0.30		226	0.090	0.001	0.4 <A	0.005<A	0.0002	11.87	18
GEOM MEAN				226	0.070		0.3 <A	0.005<A		11.79	15
MINIMUM		0.30		194.7	0.019	0.001	0.15	0.005	0.0002	9.50	2
STD DEV (GEOM *)				17	0.062		0.2 <A	0.000<A		1.52	8
# SAMP IN STATISTICS		11		11	11	3	11	4	3	11	11
% SAMP (EXCLUDED)						72			25		

*=INTERIM TEST-NAME:		COND25	CRUT	CUUT	DO	FCMF	FEUT	FSMF	FPH	FWSTRC	FWTEMP
						FECAL		FECAL			
		CONDUCT.	CHROMIUM	COPPER	DISOLVED	COLIFORM	IRON	STREPCUS			
SAMPLE		25C	UNF.TOT.	UNF.TOT.	OXYGEN	MF	UNF.TOT.	MF			WATER
DATE	HOUR	UMHO/CH	MG/L	MG/L	MG/L	CNT	MG/L	CNT	PH	STREAM	TEMP
YYMMDD	LMT	AT 25 C	AS CR	AS CU	AS O	/100ML	AS FE	/100ML	FIELD	COND.	DEG.C
820128	1045	565	0.003	0.004	11.60	10<	0.11	10<	7.75	4	2.5
820223	1100	540		0.004	12.00	10<	0.12	10<	7.90	6	0.5
820324	0955	480		0.008	12.20	70<=>	0.220	140		3	3.0
820429	0955	48533	0.003	0.009	10.50	10<	0.060	20<=>	7.70	8	6.5
820519	1025	48579		0.006	8.30	140	0.210	130	7.60	8	15.5
820623	1030	48651		0.003	12.40	140	0.275	200	7.80	8	14.0
820823	1000	48739	0.002	0.005	8.20	80<=>	0.120	310	7.80	8	14.0
820913	1050	48791	0.006	0.006	7.90	130	0.130	110	7.85	8	18.5
821012	0925	48858		0.005	8.30	76	0.100	112	7.70	8	11.5
821109	0915	48913		0.007	10.70	70<=>	0.135	80<=>	7.70	8	5.5
821214	0910	48972		0.008	10.20	10<=>	0.080	20<=>	8.00	4	1.5

(C O N T D)

B.O.W./ SITE: ERAMOSA RIVER
 SAMPLE POINT: AT HIGHWAY NO.25
 STATION TYPE: RIVER

STATION ID: 16-0184-109-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 43 41 17.41 LONG: 080 07 10.83 U T M: 17 0570950.0 4837400.0 4 REGION: 02 DISTANCE: 200.357

*=INTERIM TEST-NAME:		COND25	CRUT	CUUT	DO	FCMF FECAL COLIFORM	FEUT IRON UNF.TOT.	FSMF FECAL STREPCUS	FMPH	FWSTRC	FWTEMP
SAMPLE DATE	HOUR YYMMDD LMT	CONDUCT. 25C UMHO/CM AT 25 C	CHROMIUM UNF.TOT. MG/L AS CR	COPPER UNF.TOT. MG/L AS CU	DISOLVED OXYGEN MG/L AS O	CNT /100ML	MG/L AS FE	CNT /100ML	PH FIELD	STREAM COND.	WATER TEMP DEG.C
		MAXIMUM	565	0.006	0.009	12.40	140	0.275	310	8.00	18.5
		ARITH MEAN	500	0.003	0.006	10.21	89	0.14	125	7.78	8.5
		GEOM MEAN	498	0.003	0.006	10.07		0.13		7.78	5.5
		MINIMUM	432.0	0.002	0.003	7.90	10	0.060	20	7.60	0.5
		STD DEV (GEOM *)	41	0.002	0.002	1.76		0.07		0.12	6.4
		# SAMP IN STATISTICS	11	4	11	11	8	11	9	10	11
		% SAMP (EXCLUDED)					27		18		

*=INTERIM TEST-NAME:		NIUT	NNHTFR NH3-N TOTAL	NNOTFR NO2+NO3N FIL.REAC	NNO2FR NO2-N FIL.REAC	NNO3FR NO3-N FIL.REAC	NNTKUR K'DAHL N TOTAL	PBUT LEAD UNF.TOT.	PH	PHNOL PHENOLS UNF-REAC	PP04FR P04 FIL.REAC
SAMPLE DATE	HOUR YYMMDD LMT	NICKEL UNF.TOT. MG/L AS NI	MG/L AS N	MG/L AS N	MG/L AS N	MG/L AS N	MG/L AS N	MG/L AS PB	PH	UG/L PHENOL	MG/L AS P
820128	1045	48350	0.002	0.020	1.850	0.053	1.800	0.31	0.006	8.47	1 <T 0.009
820223	1100	48405	0.001<	0.032	1.600	0.027	1.570	0.32	0.004	8.15	1 <T 0.008
820324	0955	48465	0.001<	0.050	1.000	0.390	0.960	0.64	0.003<	8.05	1 0.011
820429	0955	48533	0.001<	0.002<W	0.630	0.0010<T	0.630	0.34	0.003<	8.45	0.6<T 0.0040
820519	1025	48579	0.001<	0.004<T	0.855	0.0480	0.805	0.50	0.003<	8.18	0.4<T 0.0080
820623	1030	48651	0.002<	0.004<T	0.235	0.0070	0.230	0.60	0.004	8.27	2.2 0.0080
820823	1000	48739	0.001<	0.002<T	0.665	0.0050	0.660	0.37	0.003<	8.41	-0.2<T 0.0095
820913	1050	48791	0.001<	0.026	0.705	0.0120	0.693	0.39	0.004	8.40	0.6<T 0.0080
821012	0925	48858	0.001<	0.002<T	0.635	0.0400	0.595	0.38	0.003	8.25	0.2<T 0.0080
821109	0915	48913	0.001<	0.010	0.640	0.0140	0.626	0.380	0.003<	8.08	-0.2<T 0.0055
821214	0910	48972	0.001	0.004<T	1.600	0.0025	1.600	0.300	0.005	8.34	0.2<W 0.0005<T
		MAXIMUM	0.002	0.050	1.850	0.390	1.800	0.64	0.006	8.47	2.2 0.011
		ARITH MEAN	0.001	0.014<A	0.947	0.054 <A	0.924	0.41	0.004	8.28	1 <A 0.007 <A
		GEOM MEAN		0.008<A	0.821	0.016 <A	0.800	0.40		8.28	0.006 <A
		MINIMUM	0.001	0.002	0.235	0.0010	0.230	0.300	0.003	8.05	-0.2 0.0005
		STD DEV (GEOM *)		0.016<A	0.512	0.113 <A	0.505	0.12		0.15	0.003 <A
		# SAMP IN STATISTICS	2	11	11	11	11	11	6	11	11
		% SAMP (EXCLUDED)	81						45		

(CONTD)

B.O.W./ SITE: ERAMOSA RIVER
 SAMPLE POINT: AT HIGHWAY NO.25
 STATION TYPE: RIVER

STATION ID: 16-0184-109-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

LAT: 43 41 17.41 LONG: 080 07 10.83

U T M: 17 0570950.0 4837400.0 4

REGION: 02

DISTANCE: 200.357

*=INTERIM TEST-NAME:		PPUT	RSF	RSP	TCMF COLIFORM TOTAL MF CNT /100ML	TCMFBK COLIFORM TOTAL MF BCKGRD CNT /100ML	TURB TURB'ITY FTU	ZNUT ZINC UNF.TOT. MG/L AS ZN
SAMPLE DATE YYMMDD	HOUR LMT	SAMPLE NUMBER	PHOSPHOR UNF.TOT. MG/L AS P	RESIDUE FILTERED MG/L	RESIDUE PARTIC. MG/L			
820128	1045	48350	0.020	363	2.4	110	1400	2.30
820223	1100	48405	0.019	359.0	2.700	190	600	2.80
820324	0955	48465	0.045	297	8.0	3900	12000	4.10
820429	0955	48533	0.015	293.0	1.670	180	1900	1.21
820519	1025	48579	0.029	318.0	5.900	600<=>	39000	3.90
820623	1030	48651	0.025	290.0	2.160	2400	22000	1.45
820823	1000	48739	0.022	340.0	1.970	420<=>	10000	1.13
820913	1050	48791	0.015	360.0	4.960	660<=>	17000	1.91
821012	0925	48858	0.019	363.0	2.080	1300	9000	1.29
821109	0915	48913	0.009	311.0	1.810	320<=>	6800	1.19
821214	0910	48972	0.016	392.0	4.180	430<=>	2700	1.50
MAXIMUM			0.045	392.0	8.0	3900	39000	4.10
ARITH MEAN			0.021	335	3.4	955	11127	2.07
GEOM MEAN			0.020	333	3.0	536	6133	1.86
MINIMUM			0.009	290.0	1.670	110	600	1.13
STD DEV (GEOM *)			0.010	35	2.1	3*	4*	1.09
# SAMP IN STATISTICS			11	11	11	11	11	11
% SAMP (EXCLUDED)								9
								18

01002

RIVER BASIN	STREAM	SAMPLE POINT DESCRIPTION	DISTANCE	LOCATION CODE	C.O.M. INDEX	PAGE NO.
BIG CREEK	BIG CREEK	AT WESTERN AVE.DELHI	48.922	16-0124-002-02	7 A-01	121
	BIG CREEK	NORFOLK COUNTY ROAD 42	3.380	16-0124-003-02	7 B-01	123
	BIG CREEK	AT WILLIAM STREET DELHI	48.440	16-0124-009-02	7 C-01	126
BRONTE CREEK	BRONTE CREEK	AT PROGRESTON ROAD	29.450	06-0060-005-02	3 A-02	67
	MOUNTSBERG CREEK	AT COUNTY ROAD 18	43.612	06-0060-003-02	3 L-01	63
	MOUNTSBERG CREEK	AT HWY.401 ABOVE MOUNTSBERG RESEVOIR	49.245	06-0060-004-02	3 M-01	65
CENTRE CREEK	CENTRE CREEK	AT FIRST ROAD UPSTREAM FROM LAKE ERIE	0.161	16-0163-001-02	7 H-01	139
CREDIT RIVER	CREDIT RIVER	SOUTHERN DAM OF ORANGEVILLE RESERVOIR	87.868	06-0076-019-02	3 B-02	69
DEDRICH CREEK	DEDRICH CREEK	AT FRONT ROAD WALSINGHAM SOUTH TOWNSHIP	0.966	16-0126-001-02	7 D-01	129
GRAND RIVER	ABERFOYLE CREEK	TOWERLINE ROAD SW OF ABERFOYLE EX-2	164.953	16-0184-060-02	7 A-04	235
	ABERFOYLE CREEK	AT OLD HIGHWAY NO.6 NORTH BRANCH	166.910	16-0184-108-02	7 H-05	289
	ALDER CREEK	AT MANNHEIM BRIDGE	188.288	16-0184-026-02	7 J-02	177
	BADEN CREEK	AT BLEAMS ROAD DOWNSTREAM FROM BADEN STP	205.025	16-0184-098-02	7 K-04	263
	BOSTON CREEK	AT FIRST CONC.ROAD EAST OF HIGHWAY NO.6	49.245	16-0184-095-02	7 H-04	253
	BRANTFORD WATER WORKS CANAL	AT WATER WORKS PARK FOOT BRIDGE	107.018	16-0184-097-02	7 J-04	259
	CANAGAGIGUE CREEK	FIRST BRIDGE DOWNSTREAM FROM ELMIRA STP	202.128	16-0184-016-02	7 H-02	171
	CANAGAGIGUE CREEK	FIRST CONCESSION NORTH OF ELMIRA	207.922	16-0184-051-02	7 L-03	230
	CANAGAGIGUE CREEK	AT COUNTY ROAD 19 FLORADALE	210.818	16-0184-052-02	7 M-03	233
	CONESTOGO RIVER	AT WATERLOO COUNTY ROAD NO.22	193.599	16-0184-029-02	7 M-02	185
	CONESTOGO RIVER	STEEL BRIDGE AT GLEN ALLAN GR-12	223.049	16-0184-077-02	7 C-04	241
	CONESTOGO RIVER	AT WELLINGTON COUNTY ROAD NO 7	244.775	16-0184-100-02	7 M-04	267
	COX CREEK	AT HIGHWAY NO.86	200.680	16-0184-105-02	7 E-05	281
	ERAMOSA RIVER	AT COUNTY ROAD NO 41 NORTHWEST OF ARKELL	180.563	16-0184-102-02	7 B-05	273
	ERAMOSA RIVER	AT HIGHWAY NO.25	200.357	16-0184-109-02	7 I-05	292

01002

RIVER BASIN	STREAM	SAMPLE POINT DESCRIPTION	DISTANCE	LOCATION CODE	C.O.M. PAGE INDEX NO.
GRAND RIVER	FAIRCHILD CREEK	FIRST CONC DOWNSTREAM FROM ST GEORGE	107.501	16-0184-044-02	7 J-03 226
	FAIRCHILD CREEK	LOT G SOUTH OF HAMILTON RD.BRANTFORD TWP	80.626	16-0184-093-02	7 G-04 251
	GALT CREEK	2ND.CONC.SOUTH OF HIGHWAY NO.401	155.993	16-0184-107-02	7 G-05 287
	GRAND RIVER	AT GLEN MORRIS BRIDGE	133.250	16-0184-010-02	7 E-02 163
	GRAND RIVER	AT BLAIR BRIDGE	151.918	16-0184-012-02	7 F-02 166
	GRAND RIVER	AT BRIDGEPORT BRIDGE	177.506	16-0184-015-02	7 G-02 169
	GRAND RIVER	BLOSSOM AVE BRIDGE NEWPORT	78.856	16-0184-024-02	7 I-02 175
	GRAND RIVER	AT COCKSUTTS BRIDGE BRANTFORD	92.535	16-0184-027-02	7 K-02 180
	GRAND RIVER	AT HIGHWAY NO 7 BRESLAU	171.873	16-0184-028-02	7 L-02 182
	GRAND RIVER	AT BRIDGE IN DUNNVILLE	7.725	16-0184-035-02	7 D-03 193
	GRAND RIVER	1ST.CONC.ROAD DNSTR.OF BELLWOOD LAKE	222.566	16-0184-037-02	7 F-03 218
	GRAND RIVER	AT EAST LUTHER AND AMARANTH TWP LINE	248.154	16-0184-039-02	7 G-03 220
	GRAND RIVER	OLD HIGHWAY NO 8 FREEPORT	162.539	16-0184-041-02	7 H-03 222
	GRAND RIVER	CONC ROAD NO 13 NW OF MARSVILLE GR-3	243.809	16-0184-067-02	7 B-04 239
	GRAND RIVER	IN RURAL COMMUNITY OF LEGGATT	264.408	16-0184-090-02	7 D-04 243
	GRAND RIVER	AT BRIDGE IN COMMUNITY OF YORK	42.325	16-0184-092-02	7 F-04 248
	GRAND RIVER	AT HIGHWAY NO.86	199.875	16-0184-103-02	7 C-05 276
	IRVINE CREEK	AT WILLIAM STREET SALEM	217.416	16-0184-104-02	7 D-05 278
	MCKENZIE CREEK	AT FIRST CONC.ROAD EAST OF HIGHWAY NO.6	49.888	16-0184-096-02	7 I-04 256
	MOOREFIELD CREEK	COUNTY ROAD NO 10 VILLAGE OF MOOREFIELD	241.878	16-0184-091-02	7 E-04 245
	NITH RIVER	AT HIGHWAY 24A PARIS	121.180	16-0184-009-02	7 D-02 160
	NITH RIVER	FIRST BRIDGE DOWNSTREAM FROM NEW HAMBURG	203.255	16-0184-032-02	7 A-03 187
	NITH RIVER	FIRST BRIDGE DOWNSTREAM FROM AYR	170.264	16-0184-033-02	7 B-03 189
	NITH RIVER	FIRST CONC DOWNSTREAM FROM WELLESLEY	230.935	16-0184-045-02	7 K-03 228

01002

RIVER BASIN	STREAM	SAMPLE POINT DESCRIPTION	DISTANCE	LOCATION CODE	C.O.M. PAGE INDEX NO.
GRAND RIVER	SPEED RIVER	EDINBOROUGH STREET GUELPH	172.678	16-0184-034-02	7 C-03 191
	SPEED RIVER	PUSLINCH LAKE RD 4M S-W GUELPH	164.470	16-0184-036-02	7 E-03 215
	SPEED RIVER	AT WOODLAWN ROAD, GUELPH UL-2	180.081	16-0184-043-02	7 I-03 224
	SPEED RIVER	ABOVE GUELPH RESERVOIR ARMSTRONG MILLS	191.507	16-0184-099-02	7 L-04 265
	SPEED RIVER	AT HIGHWAY NO.8 CAMBRIDGE	152.401	16-0184-101-02	7 A-05 269
	WHITEMANS CREEK	AT FIRST CONC.RD.WEST OF HIGHWAY NO.24A	119.732	16-0184-106-02	7 F-05 284
LYNN RIVER	LYNN RIVER	AT DE COU ROAD SIMCOE UL-20	11.426	16-0159-003-02	7 E-01 131
	LYNN RIVER	AT VICTORIA STREET SIMCOE	13.357	16-0159-008-02	7 F-01 134
	LYNN RIVER	AT QUEEN STREET PORT DOVER	2.897	16-0159-009-02	7 G-01 136
MAITLAND RIVER	MAITLAND RIVER	HIGHWAY 87, DOWNSTREAM FROM HARRISTON	134.859	08-0056-007-02	4 A-01 74
NANTICOKE CREEK	NANTICOKE CREEK	AT COUNTY ROAD NO 11 NANTICOKE	1.609	16-0164-001-02	7 I-01 143
	NANTICOKE CREEK	AT COUNTY ROAD 27 AND 32	17.863	16-0164-002-02	7 J-01 146
	NANTICOKE CREEK	AT TOWNSHIP ROAD 7 EAST OF DAM WATERFORD	39.267	16-0164-003-02	7 K-01 148
	NANTICOKE CREEK	AT HIGHWAY NO 6 SOUTH WEST OF JARVIS	15.610	16-0164-004-02	7 L-01 150
	NANTICOKE CREEK	AT REGIONAL ROAD NO 5 NANTICOKE	35.083	16-0164-005-02	7 M-01 152
	NANTICOKE CREEK	LOT 23 CONC.11 FORMER TWP.OF TOWNSEND	22.691	16-0164-006-02	7 A-02 154
NOTTAWASAGA RIVER	BOYNE RIVER	1ST.BR.ON HIGHWAY 24 N.OF HIGHWAY 10	122.468	03-0057-011-02	2 A-01 1
	BOYNE RIVER	1ST.CONC.E.OF HWY.24 N.OF HWY 10	118.605	03-0057-012-02	2 B-01 4
REDHILL CREEK	REDHILL CREEK	AT BARTON STREET EAST HAMILTON	3.701	09-0001-003-02	5 A-01 78
	REDHILL CREEK	MOUNTAINBROW BLVD.HAMILTON ALBION FALLS	10.300	09-0001-004-02	5 B-01 83
SANDUSK CREEK	SANDUSK CREEK	AT HALDIMAND COUNTY ROAD NO 11	4.506	16-0170-002-02	7 B-02 156
	SANDUSK CREEK	FIRST BRIDGE DOWNSTREAM OF JARVIS LAGOON	17.702	16-0170-003-02	7 C-02 158
SAUGEEN RIVER	SOUTH SAUGEEN RIVER	AT WELLINGTON COUNTY ROAD 9	132.284	08-0123-016-02	4 B-01 76
SPENCER CREEK	SPENCER CREEK	AT COOTES ROAD, DUNDAS	3.701	09-0008-001-02	5 C-01 87

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RIVER BASIN	STREAM	SAMPLE POINT DESCRIPTION	DISTANCE	LOCATION CODE	C.O.M. INDEX	PAGE NO.
TWELVE MILE CREEK	OLD WELLAND CANAL	AT DISHER STREET ST. CATHRINES	10.139	06-0017-009-02	3 H-01	47
	TWELVE MILE CREEK	AT LAKEPORT ROAD ST CATHARINES	1.287	06-0017-001-02	3 C-01	17
	TWELVE MILE CREEK	WELLANDVALE AVE ST CATHARINES	5.472	06-0017-002-02	3 D-01	35
	TWELVE MILE CREEK	AT GLENDALE AVE, ST CATHARINES	8.690	06-0017-004-02	3 E-01	39
	TWELVE MILE CREEK	ONE STREET LOUTH TWP. NEAR POWER GLEN	11.909	06-0017-007-02	3 F-01	41
	TWELVE MILE CREEK	AT DECEW ROAD	10.621	06-0017-008-02	3 G-01	44
TWENTY MILE CREEK	TWENTY MILE CREEK	21 ST STREET LOUTH TOWNSHIP	3.862	06-0024-001-02	3 I-01	50
	TWENTY MILE CREEK	FIRST BRIDGE DOWNSTREAM OF SMITHVILLE	28.163	06-0024-002-02	3 J-01	58
	TWENTY MILE CREEK	HIGHWAY 20 DOWNSTREAM OF SMITHVILLE	24.944	06-0024-004-02	3 K-01	60
WELLAND RIVER	CHIPPAWA CANAL	WHIRLPOOL ROAD, NIAGARA FALLS	3.862	11-0001-001-02	6 A-01	90
	WELLAND RIVER	AT MONTROSE BRIDGE	14.162	11-0001-003-83	6 B-01	94
	WELLAND RIVER	NEW SYPHON AT PORT ROBINSON	23.818	11-0001-005-02	6 C-01	108
	WELLAND RIVER	AT BRIDGE SOUTH OF WELLAND AIRPORT	36.853	11-0001-007-02	6 D-01	111
	WELLAND RIVER	AT SINCLAIRVILLE BRIDGE	101.225	11-0001-008-02	6 E-01	113
	WELLAND RIVER	LOT 25 CONC.7 FORMER TWP.OF BINBROOK	112.490	11-0001-009-02	6 F-01	117
WELLAND SHIP CANAL	WELLAND SHIP CANAL	AT WEIR DOWNSTREAM FROM LAKESHORE ROAD	3.219	06-0014-001-02	3 A-01	7
	WELLAND SHIP CANAL	FIRST BRIDGE DOWNSTREAM FROM LAKE ERIE	43.451	06-0014-002-02	3 B-01	14



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